



# LED-light fixtures catalog

In a true light®



10 000 m<sup>2</sup>  
production area

The factory is located in Kazan,  
Russia.



Commercial lighting

| Page 12



Floodlight and architectural  
lighting

| Page 28



The power consumption of LED-lamps is three times less than of discharge and fluorescent ones.



Lifetime up to 100,000 hours corresponding to 25 years.



Maximizing energy savings and reducing maintenance costs to practically zero. Recoup invested costs in a year and half.



LEDEL company founded in 2007  
by the Kogdanins — brother Artem and Arthur

Each idea comes from **the man**.  
Each product comes from **the team**

More than **750 000**  
LED-lightings each  
year

All products meet current national and international standards and quality management system complies with ISO 9001. LEDEL works constantly on product quality and service improvement.

The company owns  
**80 patents**

LEDEL engineers engaged in research in the field of lighting, LED technology and electronics.

The company has  
more than **110 offices** in Russia  
and other countries

LEDEL products illuminates objects of leading Russian and international companies.

 Street lighting  
| Page **56**

 Industrial lighting  
| Page **76**










LEDEL lightings are free from mercury and other harmful substances. No special disposal is needed, can be recycled as usual household waste.




Unlike most of light sources LED-lightings almost don't have luminous flux ripple. This reduces eye strain and affect positively to psycho-emotional state of a person.







Color rendering index is close to natural sunlight.

Trade & Warehouses lightning					
Pages 14 – 15		Lighting	L-trade II 20 Easy Lock	L-trade II 20 Easy Lock	L-trade II 20 Easy Lock
		Light distribution diagram	FWHM 120°	FWHM 15°	FWHM 30°
		Total luminous flux, lm	2574	2508	2516
Pages 16 – 17		Lighting	L-trade II 45 Easy Lock	L-trade II 45 Easy Lock	L-trade II 45 Easy Lock
		Light distribution diagram	FWHM 120°	FWHM 15°	FWHM 30°
		Total luminous flux, lm	5148	5017	5032
Pages 18 – 19		Lighting	L-trade II 65 Easy Lock	L-trade II 65 Easy Lock	L-trade II 65 Easy Lock
		Light distribution diagram	FWHM 120°	FWHM 15°	FWHM 30°
		Total luminous flux, lm	7605	7411	7433
Pages 20 – 21		Lighting	L-trade II 130 Easy Lock	L-trade II 130 Easy Lock	L-trade II 130 Easy Lock
		Light distribution diagram	FWHM 120°	FWHM 15°	FWHM 30°
		Total luminous flux, lm	15210	14822	14867
Pages 22 – 23		Lighting	L-trade 16 Easy Lock		
		Light distribution diagram	FWHM 90°		
		Total luminous flux, lm	1507		
Pages 24 – 25		Lighting	L-trade 32 Easy Lock		
		Light distribution diagram	FWHM 90°		
		Total luminous flux, lm	3024		
Pages 26 – 27		Lighting	L-trade 55 Easy Lock		
		Light distribution diagram	FWHM 90°		
		Total luminous flux, lm	4517		





Floodlight				
Pages 30 – 31		Lighting	L-lego 30 banner	L-lego 30 banner
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	3216	3207
		Lighting	L-lego 30 banner	L-lego 30 banner
		Light distribution diagram	FWHM 60°	FWHM 110°
Pages 32 – 33		Total luminous flux, lm	3202	3196
		Lighting	L-lego 55 banner	L-lego 55 banner
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	5877	5862
Pages 34 – 35		Lighting	L-lego 55 banner	L-lego 55 banner
		Light distribution diagram	FWHM 60°	FWHM 110°
		Total luminous flux, lm	5851	5851
		Lighting	L-lego 110 banner	L-lego 110 banner
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	11754	11724





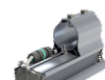


Pages 34 – 35		Lighting	L-lego 110 banner	L-lego 110 banner
		Light distribution diagram	FWHM 60°	FWHM 110°
		Total luminous flux, lm	11702	11702
Pages 36 – 37		Lighting	L-lego 165 banner	L-lego 165 banner
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	17632	17585
		Lighting	L-lego 165 banner	L-lego 165 banner
		Light distribution diagram	FWHM 60°	FWHM 110°
		Total luminous flux, lm	17554	17553
Pages 38 – 39		Lighting	L-lego 220 banner	L-lego 220 banner
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	23288	23226
		Lighting	L-lego 220 banner	L-lego 220 banner
		Light distribution diagram	FWHM 60°	FWHM 110°
		Total luminous flux, lm	23184	23142
Pages 40 – 41		Lighting	L-lego 330 banner	L-lego 330 banner
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	35263	35171
		Lighting	L-lego 330 banner	L-lego 330 banner
		Light distribution diagram	FWHM 60°	FWHM 110°
		Total luminous flux, lm	35107	35110
Pages 42 – 43		Lighting	L-lego 500 banner	L-lego 500 banner
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	55743	55597
		Lighting	L-lego 500 banner	L-lego 500 banner
		Light distribution diagram	FWHM 60°	FWHM 110°
		Total luminous flux, lm	55496	55396
Pages 44 – 45		Lighting	L-banner 600	L-banner 600
		Light distribution diagram	FWHM 8°	FWHM 15°
		Total luminous flux, lm	66816	69906
		Lighting	L-banner 600	L-banner 600
		Light distribution diagram	FWHM 30°	FWHM 60°
		Total luminous flux, lm	69130	69702





## Architectural lightning

Pages 46 – 47		Lighting	L-line A 0.25 monochrome
		Lightning color	white
		Total luminous flux, lm	849

Architectural lighting			
Pages 48 – 49		Lighting	L-line A 0.5 monochrome
		Lightning color	white
		Total luminous flux, lm	1699
Pages 50 – 51		Lighting	L-line A 1.0 monochrome
		Lightning color	white
		Total luminous flux, lm	3398
Pages 52 – 53		Lighting	L-line A 1.5 monochrome
		Lightning color	white
		Total luminous flux, lm	5097
Pages 54 – 55		Lighting	L-line A 3.0 monochrome
		Lightning color	white
		Total luminous flux, lm	10195









Street lighting					
Pages 58 – 59		Lighting	Superstreet 75		Superstreet 75
		Light distribution diagram	FWHM 45*130		FWHM 75*140
		Total luminous flux, lm	8302		8158
Pages 60 – 61		Lighting	Superstreet 110		Superstreet 110
		Light distribution diagram	FWHM 65*130		FWHM 75*140
		Total luminous flux, lm	12390		12400
Pages 62 – 63		Lighting	Superstreet 150		Superstreet 150
		Light distribution diagram	FWHM 65*130		FWHM 75*140
		Total luminous flux, lm	16756		16700
Pages 64 – 65		Lighting	Superstreet 250	Superstreet 250	Superstreet 250
		Light distribution diagram	FWHM 65*130	FWHM 75*140	FWHM 85*145
		Total luminous flux, lm	27956	26734	24150
Pages 66 – 67		Lighting	Superstreet 340	Superstreet 340	Superstreet 340
		Light distribution diagram	FWHM 65*130	FWHM 75*140	FWHM 85*145
		Total luminous flux, lm	36580	34131	34565
Pages 68 – 69		Lighting	L-street 40 Turbine		L-street 40 Turbine
		Light distribution diagram	FWHM 120°		FWHM 45*130
		Color temperature, K	5000/ 4000		5000/ 4000
		Total luminous flux, lm	4400		4416
		Lighting	L-street 40 Turbine		L-street 40 Turbine
		Light distribution diagram	FWHM 75*140		FWHM 45*130
		Color temperature, K	5000/ 4000		5000/ 4000
		Total luminous flux, lm	4488		4301

Street lighting				
Pages 70 – 71		Lighting	L-street 60 Turbine	
		Light distribution diagram	FWHM 120°	FWHM 45*130
		Color temperature, K	5000/ 4000	5000/ 4000
		Total luminous flux, lm	6600	6322
		Lighting	L-street 60 Turbine	
		Light distribution diagram	FWHM 75*140	FWHM 45*130
		Color temperature, K	5000/ 4000	5000/ 4000
		Total luminous flux, lm	6425	6250
		Lighting	L-street 80 Turbine	
		Light distribution diagram	FWHM 75*140	FWHM 45*130
		Color temperature, K	5000/ 4000	5000/ 4000
		Total luminous flux, lm	8976	8602
Pages 72 – 73		Lighting	L-street 120 Turbine	
		Light distribution diagram	FWHM 120°	FWHM 45*130
		Color temperature, K	5000/ 4000	5000/ 4000
		Total luminous flux, lm	13200	12541
		Lighting	L-street 120 Turbine	
		Light distribution diagram	FWHM 75*140	FWHM 45*130
		Color temperature, K	5000/ 4000	5000/ 4000
		Total luminous flux, lm	12744	12540
		Lighting	L-trade 16	
		Light distribution diagram	FWHM 90°	
		Total luminous flux, lm	1507	
		Lighting	L-trade 32	
Pages 74 – 75		Lighting	L-trade II 20	L-trade II 20
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	2508	2516
		Lighting	L-trade II 20	L-trade II 20
		Light distribution diagram	FWHM 15°	FWHM 120°
		Total luminous flux, lm	2508	2574

Industrial lighting				
Pages 78 – 79		Lighting	L-trade 16	
		Light distribution diagram	FWHM 90°	
		Total luminous flux, lm	1507	
Pages 80 – 81		Lighting	L-trade 32	
		Light distribution diagram	FWHM 90°	
		Total luminous flux, lm	3024	
Pages 82 – 83		Lighting	L-trade II 20	L-trade II 20
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	2508	2516
		Lighting	L-trade II 20	L-trade II 20
		Light distribution diagram	FWHM 15°	FWHM 120°
		Total luminous flux, lm	2508	2574



## Industrial lighting

Pages 84 – 85		Lighting	L-trade II 45	L-trade II 45	L-trade II 45
		Light distribution diagram	FWHM 15°	FWHM 30°	FWHM 120°
		Total luminous flux, lm	5017	5032	5148
Pages 86 – 87		Lighting	L-trade II 65	L-trade II 65	L-trade II 65
		Light distribution diagram	FWHM 15°	FWHM 30°	FWHM 120°
		Total luminous flux, lm	7411	7433	7605
Pages 88 – 89		Lighting	L-trade II 130	L-trade II 130	L-trade II 130
		Light distribution diagram	FWHM 15°	FWHM 30°	FWHM 120°
		Total luminous flux, lm	14822	14867	15210
Pages 90 – 91		Lighting	L-industry 115	L-industry 115	
		Light distribution diagram	FWHM 15°	FWHM 30°	
		Total luminous flux, lm	12432	12398	
		Lighting	L-industry 115	L-industry 115	
		Light distribution diagram	FWHM 60°	FWHM 110°	
		Total luminous flux, lm	12310	12321	
Страницы 92– 93		Lighting	L-industry 230	L-industry 230	
		Light distribution diagram	FWHM 15°	FWHM 30°	
		Total luminous flux, lm	22600	22520	
		Lighting	L-industry 230	L-industry 230	
		Light distribution diagram	FWHM 60°	FWHM 110°	
		Total luminous flux, lm	22400	22120	
Pages 94 – 95		Lighting	L-lego 55	L-lego 55	
		Light distribution diagram	FWHM 15°	FWHM 30°	
		Total luminous flux, lm	5877	5862	
		Lighting	L-lego 55	L-lego 55	
		Light distribution diagram	FWHM 60°	FWHM 110°	
		Total luminous flux, lm	5851	5851	
Pages 96 – 97		Lighting	L-lego 110	L-lego 110	
		Light distribution diagram	FWHM 15°	FWHM 30°	
		Total luminous flux, lm	11754	11721	
		Lighting	L-lego 110	L-lego 110	
		Light distribution diagram	FWHM 60°	FWHM 110°	
		Total luminous flux, lm	11702	11702	
Pages 98 – 99		Lighting	L-lego 165	L-lego 165	
		Light distribution diagram	FWHM 15°	FWHM 30°	
		Total luminous flux, lm	17632	17585	
		Lighting	L-lego 165	L-lego 165	
		Light distribution diagram	FWHM 60°	FWHM 110°	
		Total luminous flux, lm	17554	17553	

## Industrial lighting

Pages 100 – 101		Lighting	L-lego 220	L-lego 220
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	23288	23226
		Lighting	L-lego 220	L-lego 220
		Light distribution diagram	FWHM 60°	FWHM 110°
		Total luminous flux, lm	23184	23142
Pages 102 – 103		Lighting	L-lego 330	L-lego 330
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	35263	35171
		Lighting	L-lego 330	L-lego 330
		Light distribution diagram	FWHM 60°	FWHM 110°
		Total luminous flux, lm	35107	35110
Pages 104 – 105		Lighting	L-lego 500	L-lego 500
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	55743	55597
		Lighting	L-lego 500	L-lego 500
		Light distribution diagram	FWHM 60°	FWHM 110°
		Total luminous flux, lm	55496	55396
Pages 106 – 107		Lighting	L-industry 30 Turbine	L-industry 30 Turbine
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	3312	3330
		Lighting	L-industry 30 Turbine	L-industry 30 Turbine
		Light distribution diagram	FWHM 60°	FWHM 120°
		Total luminous flux, lm	3324	3300
Pages 108 – 109		Lighting	L-industry 60 Turbine	L-industry 60 Turbine
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	6625	6660
		Lighting	L-industry 60 Turbine	L-industry 60 Turbine
		Light distribution diagram	FWHM 60°	FWHM 120°
		Total luminous flux, lm	6648	6000
Pages 110 – 111		Lighting	L-industry 90 Turbine	L-industry 90 Turbine
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	9936	9990
		Lighting	L-industry 90 Turbine	L-industry 90 Turbine
		Light distribution diagram	FWHM 60°	FWHM 120°
		Total luminous flux, lm	9972	9900
Pages 112 – 113		Lighting	L-industry 120 Turbine	L-industry 120 Turbine
		Light distribution diagram	FWHM 15°	FWHM 30°
		Total luminous flux, lm	12349	13320
		Lighting	L-industry 120 Turbine	L-industry 120 Turbine
		Light distribution diagram	FWHM 60°	FWHM 120°
		Total luminous flux, lm	13296	13200





International Airport  
Alma-Ata, Kazakhstan



Hypermarket Leroy Merlin  
Mytishi, Russia







Jewelry shop  
Kharkov, Ukraine



Logistic  
complex  
Cheboksary, Russia



Shopping center  
Volgograd, Russia

## LEDEL

### Trade & Warehouses lightning

The success of the store largely depends on the choice of lighting. Correctly designed lighting of the trading floor and effectively highlighted shop windows attract customers as well as discounts.

The process of selecting fixtures for retail space is individual, since different solutions are required for each specific situation.


LEDEL LED lightings L-trade and L-trade II series are perfect decisions for trade & warehouses lightning.


In the process of development, we took into account the long experience of operating lighting equipment in commercial premises and warehouses.

# L-trade II 20 Easy Lock

trade & warehouses



  
**22 W**  
Power  
consumption

  
**2 508-2 574 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP 66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

The L-trade II 20 EASY LOCK light fixture is a universal LED-light for industrial, commercial, sporting sites, shopping centers, logistic warehouses.

Thanks to high ingress protection rating of L-trade II EASY LOCK (IP66) indoor and outdoor usages are possible.

## Design

### Body

All-metal aluminum body is made by extrusion method. The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.

### Driver

A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### Optics

Secondary optics system allows effective using of L-trade II 20 EASY LOCK in depending of illuminated objects' features. Directed and diffused luminous fluxes are optional.

## Mounting

### EASY LOCK system

Suspension mounting.

EASY LOCK fastening system allows to connect the lightings into continuous line sections up to 120 m.

Plastics side connectors provide secure mechanical and electrical connections.

# L-trade II 20 Easy Lock

trade & warehouses

## Modifications

Lighting	L-trade II 20 Easy Lock	L-trade II 20 Easy Lock
Light distribution diagram	FWHM 120°	FWHM 15°
Total luminous flux, lm	2574	2508

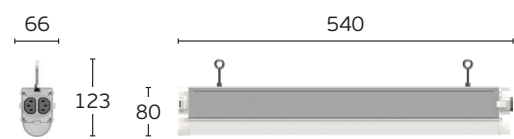
Lighting	L-trade II 20 Easy Lock
Light distribution diagram	FWHM 30°
Total luminous flux, lm	2516

## Specification<sup>1</sup>

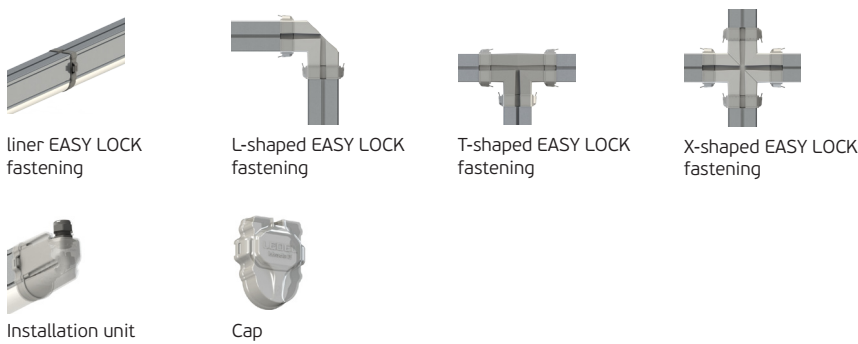
<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	22		
Total luminous flux, lm	2508/ 2516/ 2574		
Color temperature, K	4000, 5000		
Colour rendering index	72, 82		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	123x540x66		
Weight, kg	0,8		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions

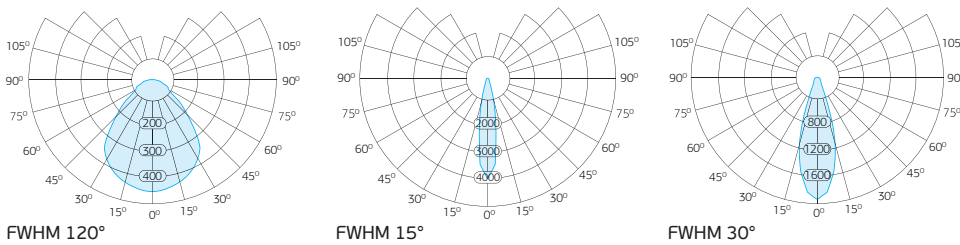


## EASY LOCK connectors



## Light distribution diagrams

CO – C180





# L-trade II 45 Easy Lock

trade & warehouses



**44 W**  
Power  
consumption



**5 017-5 148 lm**  
Luminous flux



**OSRAM**  
LEDs



**IP 66**  
Ingress protection  
rating



**100 000 hours**  
Lifetime



**5 year**  
Warranty

## Usage

The L-trade II 45 EASY LOCK light fixture is a universal LED-light for industrial, commercial, sporting sites, shopping centers, logistic warehouses.

Thanks to high ingress protection rating of L-trade II EASY LOCK (IP66) indoor and outdoor usages are possible.

## Design

### Body

All-metal aluminum body is made by extrusion method.

The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.

### Driver

A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### Optics

Secondary optics system allows effective using of L-trade II 20 EASY LOCK in depending of illuminated objects' features. Directed and diffused luminous fluxes are optional.

## Mounting

Suspension mounting.

## EASY LOCK system

EASY LOCK fastening system allows to connect the lightings into continuous line sections up to 120 m.

Plastics side connectors provide secure mechanical and electrical connections.

# L-trade II 45 Easy Lock

trade & warehouses

## Modifications

Lighting	L-trade II 45 Easy Lock	L-trade II 45 Easy Lock
Light distribution diagram	FWHM 120°	FWHM 15°
Total luminous flux, lm	5148	5017

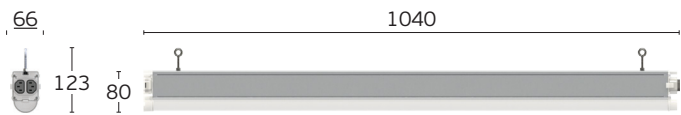
Lighting	L-trade II 45 Easy Lock
Light distribution diagram	FWHM 30°
Total luminous flux, lm	5032

## Specification<sup>1</sup>

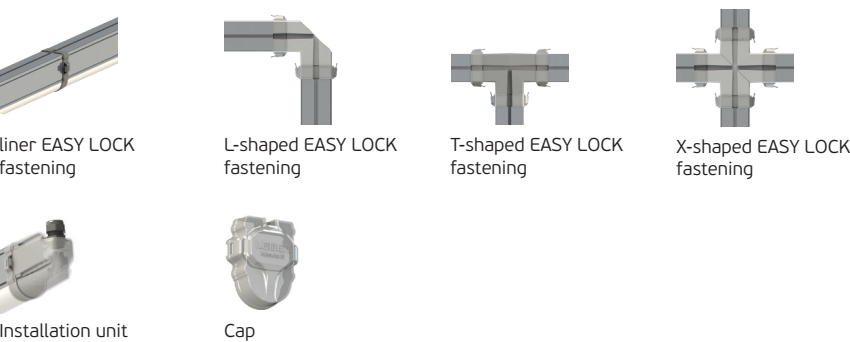
<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	44		
Total luminous flux, lm	5017/ 5032/ 5148		
Color temperature, K	4000, 5000		
Colour rendering index	72, 82		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	123x1040x67		
Weight, kg	1,3		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions

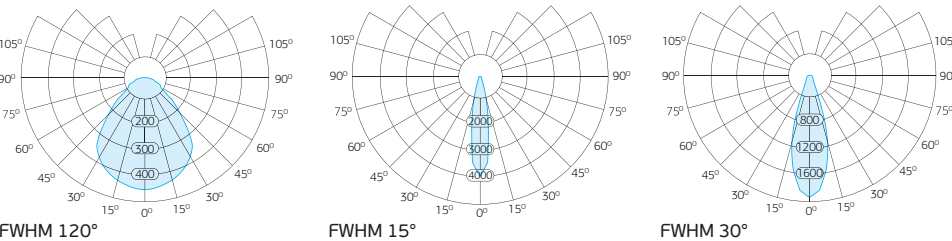


## EASY LOCK connectors



## Light distribution diagrams

— CO – C180



# L-trade II 65 Easy Lock

trade & warehouses



**65 W**

Power  
consumption



**7 411-7 605 lm**

Luminous flux



**OSRAM**

LEDs



**IP 66**

Ingress protection  
rating



**100 000 hours**

Lifetime



**5 year**

Warranty

## Usage

The L-trade II 65 EASY LOCK light fixture is a universal LED-light for industrial, commercial, sporting sites, shopping centers, logistic warehouses.

Thanks to high ingress protection rating of L-trade II EASY LOCK (IP66) indoor and outdoor usages are possible.

## Design

### Body

All-metal aluminum body is made by extrusion method.

The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.

### Driver

A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### Optics

Secondary optics system allows effective using of L-trade II 20 EASY LOCK in depending of illuminated objects' features. Directed and diffused luminous fluxes are optional.

## Mounting

Suspension mounting.

## EASY LOCK system

EASY LOCK fastening system allows to connect the lightings into continuous line sections up to 120 m.

Plastics side connectors provide secure mechanical and electrical connections.



# L-trade II 65 Easy Lock

trade & warehouses

## Modifications

Lighting	L-trade II 65 Easy Lock	L-trade II 65 Easy Lock
Light distribution diagram	FWHM 120°	FWHM 15°
Total luminous flux, lm	7605	7411

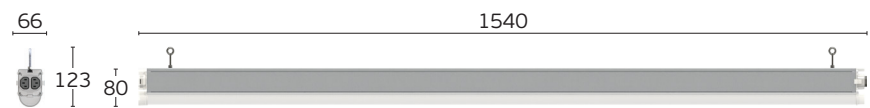
Lighting	L-trade II 65 Easy Lock
Light distribution diagram	FWHM 30°
Total luminous flux, lm	7433

## Specification<sup>1</sup>

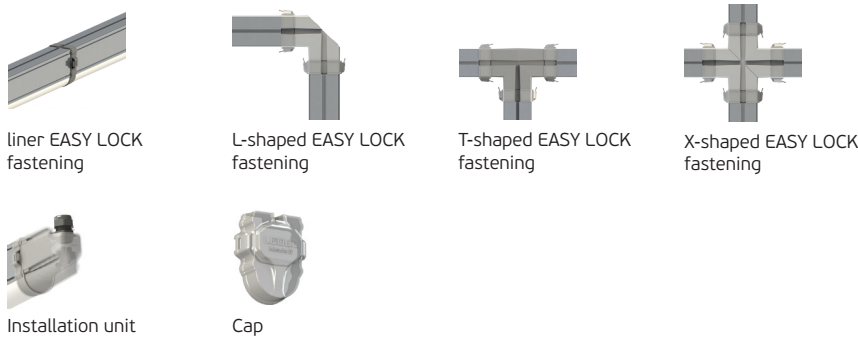
<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	65		
Total luminous flux, lm	7411/ 7433/ 7605		
Color temperature, K	4000, 5000		
Colour rendering index	72, 82		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	123x1540x66		
Weight, kg	1,8		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions

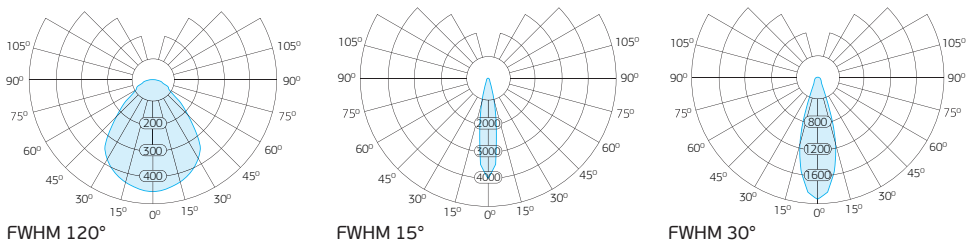


## EASY LOCK connectors



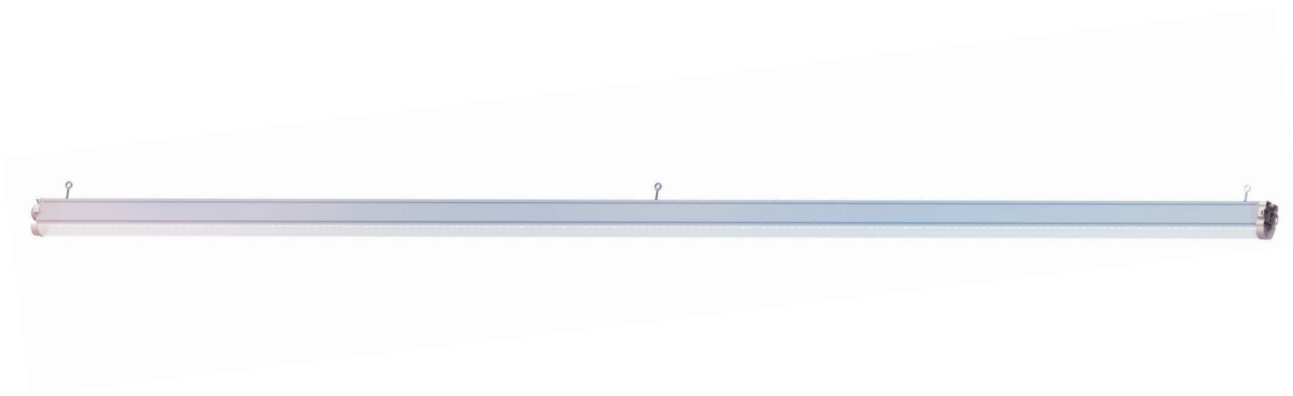
## Light distribution diagrams


— CO – C180




# L-trade II 130 Easy Lock

trade & warehouses



  
**130 W**  
Power  
consumption

  
**14 822-15 210 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP 66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

The L-trade II 130 EASY LOCK light fixture is a universal LED-light for industrial, commercial, sporting sites, shopping centers, logistic warehouses.

Thanks to high ingress protection rating of L-trade II EASY LOCK (IP66) indoor and outdoor usages are possible.

## Design

**Body**  
All-metal aluminum body is made by extrusion method. The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.

**Driver**  
A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

**Optics**  
Secondary optics system allows effective using of L-trade II 20 EASY LOCK in depending of illuminated objects' features. Directed and diffused luminous fluxes are optional.

## Mounting

Suspension mounting.

## EASY LOCK system

EASY LOCK fastening system allows to connect the lightings into continuous line sections up to 120 m.

Plastics side connectors provide secure mechanical and electrical connections.

# L-trade II 130 Easy Lock

trade & warehouses

## Modifications

Lighting	L-trade II 130 Easy Lock	L-trade II 130 Easy Lock
Light distribution diagram	FWHM 120°	FWHM 15°
Total luminous flux, lm	15210	14822

Lighting	L-trade II 130 Easy Lock
Light distribution diagram	FWHM 30°
Total luminous flux, lm	14867

## Specification<sup>1</sup>

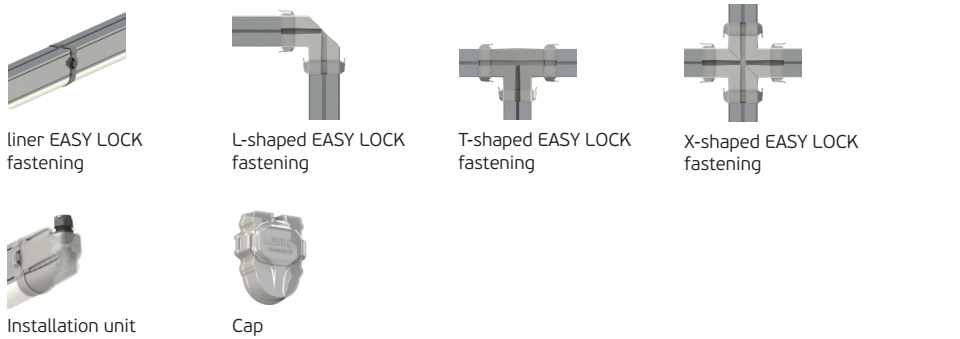
<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	130		
Total luminous flux, lm	14822/ 14867/ 15210		
Color temperature, K	4000, 5000		
Colour rendering index	72, 82		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	123x3040x66		
Weight, kg	3,2		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions

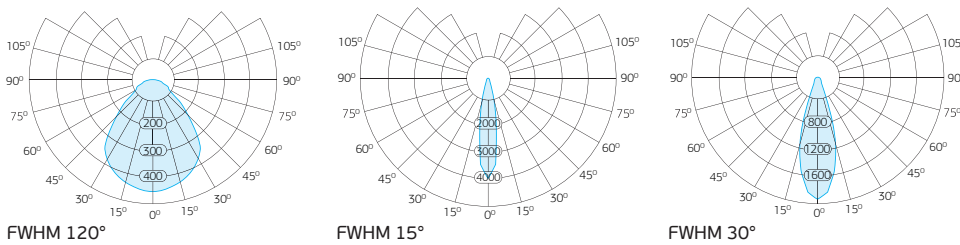


## EASY LOCK connectors



## Light distribution diagrams


— CO – C180



# L-trade 16 EASY LOCK


trade & warehouses




  
**15 W**  
Power  
consumption

  
**1 507 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP 30**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

L-trade 16 EASY LOCK is a universal LED lighting intended for commercial lighting, industrial buildings, logistics centers, malls, sports facilities, etc.

## Design

### Body

All-metal aluminum body is made by extrusion method.

The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.

### Driver

A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### OSRAM LEDs

Designed for indoor lighting highly effective OSRAM LEDs have CRI = 85.

### NOVATTRO PRISM®

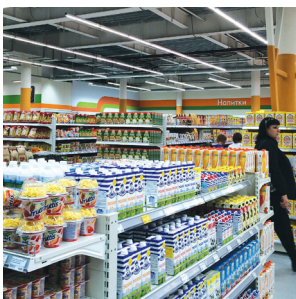
Acrylic light diffusing glass NOVATTRO PRISM® provides a soft and uniform light on the surface.

## Mounting

## EASY LOCK system

L-trade 16 EASY LOCK has two mounting options: surface and suspension mountings. The basic version is equipped with surface mounting. Suspension kit must be ordered separately.

EASY LOCK fastening system allows to connect lightings into continuous line sections up to 30 m. Plastic side connectors provide secure mechanical and electrical connections.



Supermarket  
Surgut, Russia



# L-trade 16 EASY LOCK

trade & warehouses

## Modifications

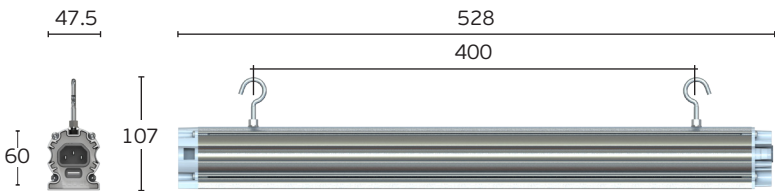
Lighting	L-trade 16 Easy Lock
Light distribution diagram	FWHM 90°
Total luminous flux, lm	1507

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	15		
Total luminous flux, lm	1507		
Color temperature, K	4000, 5000		
Colour rendering index	85		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	56,5x528x47,5		
Weight, kg	0,9		
Operating temperature, °C	From 1 to +35		
Appliance class	I		
Ingress protection rating	IP 30		

## Overall dimensions



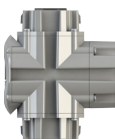
## EASY LOCK connectors



L-shaped EASY LOCK fastening



L-shaped EASY LOCK fastening



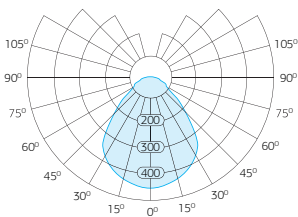
T-shaped EASY LOCK fastening



X-shaped EASY LOCK fastening

## Light distribution diagrams

— C0 – C180




FWHM 90°

# L-trade 32 EASY LOCK


trade & warehouses




  
**30 W**  
Power  
consumption

  
**3 024 lm**  
Световой поток

  
**OSRAM**  
LEDs

  
**IP 30**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

L-trade 32 EASY LOCK is a universal LED lighting intended for commercial lighting, industrial buildings, logistics centers, malls, sports facilities, etc.

## Design

### Body

All-metal aluminum body is made by extrusion method. The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.

### Driver

A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### OSRAM LEDs

Designed for indoor lighting highly effective OSRAM LEDs have CRI = 85.

### NOVATTRO PRISM®

Acrylic light diffusing glass NOVATTRO PRISM® provides a soft and uniform light on the surface.

## Mounting

L-trade 32 EASY LOCK has two mounting options: surface and suspension mountings. The basic version is equipped with surface mounting. Suspension kit must be ordered separately.

## EASY LOCK system

EASY LOCK fastening system allows to connect lightings into continuous line sections up to 30 m. Plastic side connectors provide secure mechanical and electrical connections.



Supermarket  
Bugulma, Russia

# L-trade 32 EASY LOCK

trade & warehouses

## Modifications

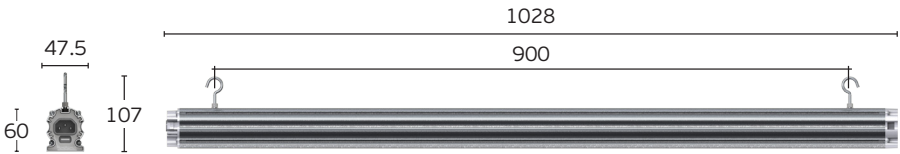
Lighting	L-trade 32 Easy Lock
Light distribution diagram	FWHM 90°
Total luminous flux, lm	3024

## Specification<sup>1</sup>

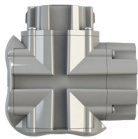
<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	30		
Total luminous flux, lm	3024		
Color temperature, K	4000, 5000		
Colour rendering index	85		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	56,5x1028x47,5		
Weight, kg	1,6		
Operating temperature, °C	From 1 to +35		
Appliance class	I		
Ingress protection rating	IP 30		

## Overall dimensions



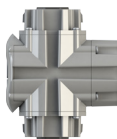
## EASY LOCK connectors



L-shaped EASY LOCK fastening



L-shaped EASY LOCK fastening



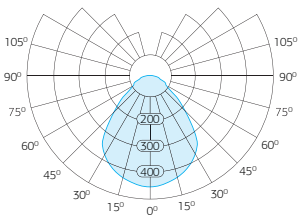
T-shaped EASY LOCK fastening



X-shaped EASY LOCK fastening

## Light distribution diagrams

— C0 – C180




FWHM 90°

# L-trade 55 EASY LOCK

trade & warehouses




  
**45 W**  
Power  
consumption

  
**4 517 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP 30**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

L-trade 55 is a universal LED lighting intended for commercial lighting, industrial buildings, logistics centers, malls, sports facilities, etc.

## Design

### Body

All-metal aluminum body is made by extrusion method. The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.

### Driver

A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### OSRAM LEDs

Designed for indoor lighting highly effective OSRAM LEDs have CRI = 85.

### NOVATTRO PRISM®

Acrylic light diffusing glass NOVATTRO PRISM® provides a soft and uniform light on the surface.

## Mounting

## EASY LOCK system

L-trade 55 EASY LOCK has two mounting options: surface and suspension mountings. The basic version is equipped with surface mounting. Suspension kit must be ordered separately.

EASY LOCK fastening system allows to connect lightings into continuous line sections up to 30 m. Plastic side connectors provide secure mechanical and electrical connections.



LEROY MERLIN store  
Moscow oblast, Russia



# L-trade 55 EASY LOCK

trade & warehouses

## Modifications

Lighting	L-trade 55 Easy Lock (45W)
Light distribution diagram	FWHM 90°
Total luminous flux, lm	4517

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	45		
Total luminous flux, lm	4517		
Color temperature, K	4000, 5000		
Colour rendering index	85		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	107×1528×47,5		
Weight, kg	2,5		
Operating temperature, °C	From 1 to +35		
Appliance class	I		
Ingress protection rating	IP 30		

## Overall dimensions



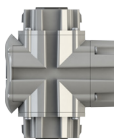
## EASY LOCK connectors



L-shaped EASY LOCK fastening



L-shaped EASY LOCK fastening



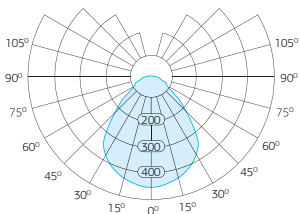
T-shaped EASY LOCK fastening



X-shaped EASY LOCK fastening

## Light distribution diagrams

— C0 – C180



FWHM 90°





Ice Stadium  
Neftekamsk, Russia



Stella  
Yuzhno-Sakhalinsk, Russia







Office center  
architectural lighting  
Surgut, Russia



Archaeological  
Park  
Khanty-Mansiysk,  
Russia



Administrative building  
Surgut, Russia

## LEDEL

### Floodlight and architectural lightning

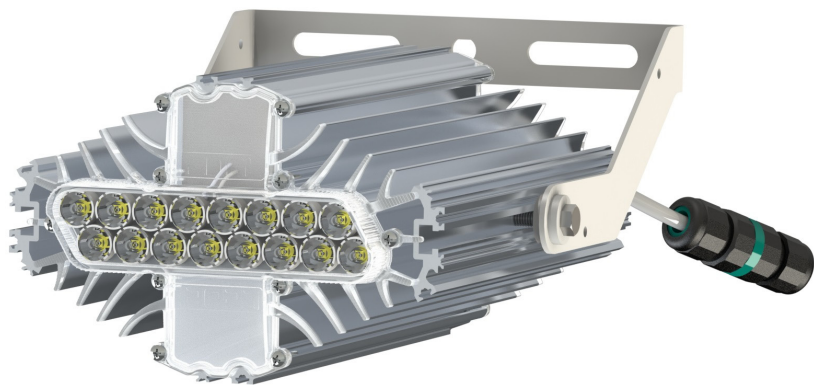
The unique image of the night city is determined by the play of light - architectural illumination of buildings, accent lighting of historical and cultural compositions and fountains, bright advertising constructions. The best solution to these problems is the installation of powerful LED floodlights, presented by the L-lego banner series.







Thanks to the use of advanced lighting technology, LEDEL managed to make night illumination more accessible. This is due to reduced electricity consumption, and as a result, the lack of additional loads on urban electricity. Secondly, high reliability and durability of equipment, which means a long service life (at least 20 years). Third, the lack of the need for service and the possibility of remote lighting control (ZigBee system), which reduces administrative costs.

Multifunctional LEDEL floodlights also proved themselves in the lighting of logistics centers, industrial enterprises, sports facilities, exhibition complexes, objects with complex operating conditions, etc.

# L-lego 30 banner

floodlight



					
24 W	3 196 -3 216 lm	OSRAM	IP66	100 000 hours	5 year
Power consumption	Luminous flux	LEDs	Ingress protection rating	Lifetime	Warranty

## Usage

The universal modular luminaire / floodlight L-lego 30 banner is designed for illumination of private and multi-apartment buildings, warehouse and retail premises. It can also be used to illuminate advertising structures and architectural structures.

## Design

**Body**  
Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided. The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

**Driver**  
A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

**OSRAM LEDs**  
OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.



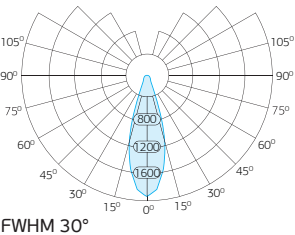
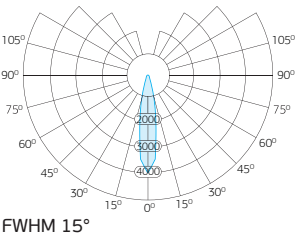
Supermarket  
Novosibirsk, Russia

## Mounting

Swivel mounting.

## Light distribution diagrams

— C0 – C180



# L-lego 30 banner

floodlight

## Modifications

Lighting	L-lego 30 banner	L-lego 30 banner
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	3216	3207

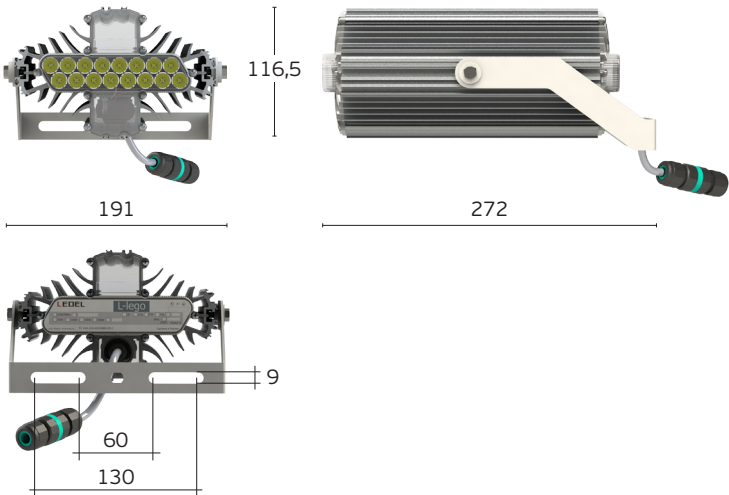
Lighting	L-lego 30 banner	L-lego 30 banner
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	3202	3196

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

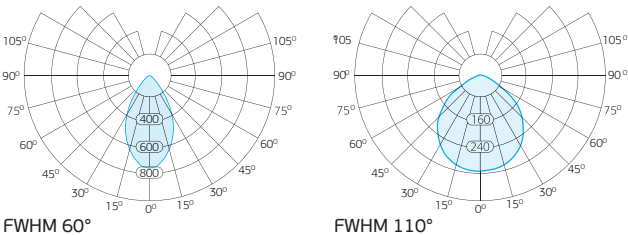
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	24		
Total luminous flux, lm	3196 /3202 /3207/3216		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 10		
Overall dimensions, HLW, mm	116,5x272x191		
Weight, kg	3,1		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagrams

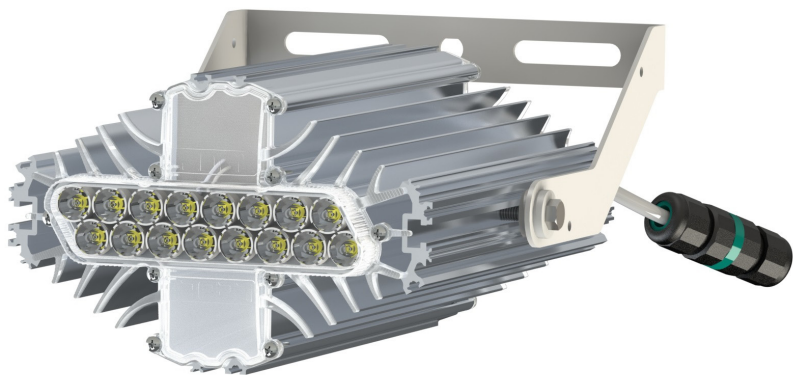
— C0 – C180







# L-lego 55 banner

floodlight




  
**45 W**  
Power  
consumption

  
**5 851-5 877 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

The universal modular luminaire / floodlight L-lego 55 banner is designed for illumination of private and multi-apartment buildings, warehouse and retail premises. It can also be used to illuminate advertising structures and architectural structures.

## Design

### Body

Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided. The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

### Driver

A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### OSRAM LEDs

OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.



State institution  
Surgut, Russia

## Mounting

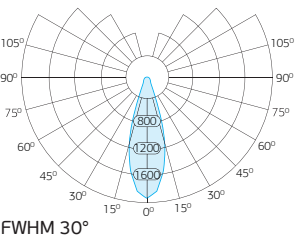
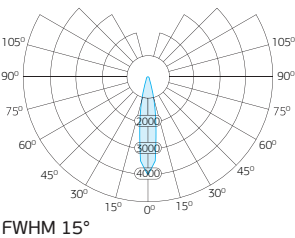
Swivel mounting.

## The module

The modular design of the L-lego luminaire with dovetail grooves makes it possible to assemble lighting installations of various shapes, sizes and power.

## Light distribution diagrams

— C0 – C180



# L-lego 55 banner

floodlight

## Modifications

Lighting	L-lego 55 banner	L-lego 55 banner
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	5877	5862

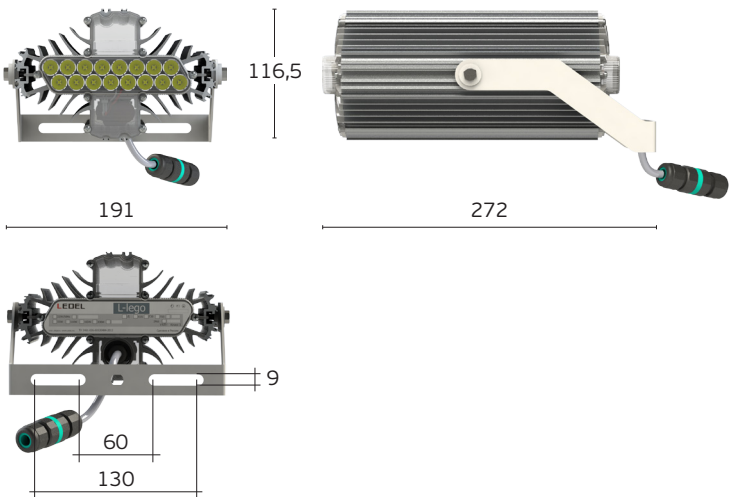
Lighting	L-lego 55 banner	L-lego 55 banner
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	5851	5851

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

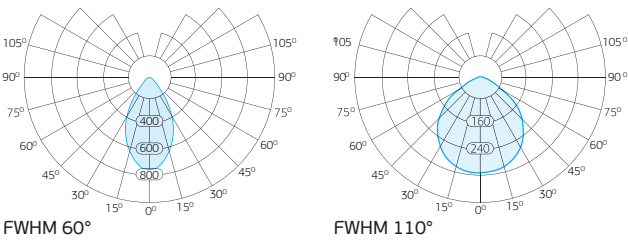
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	45		
Total luminous flux, lm	5851/ 5851/ 5862/ 5877		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 10		
Overall dimensions, HLW, mm	116,5x272x191		
Weight, kg	3,1		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



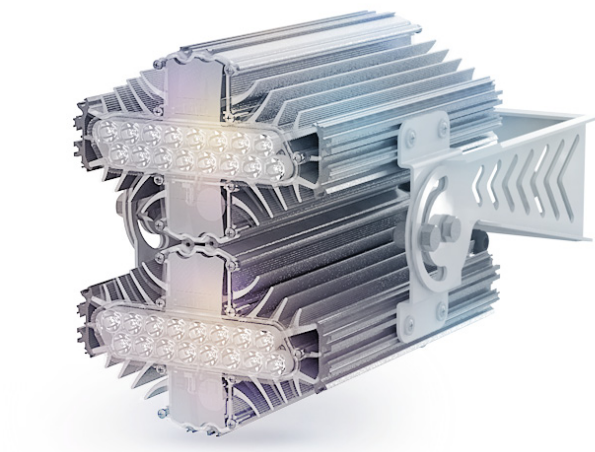
## Light distribution diagrams

— C0 – C180




# L-lego 110 banner

floodlight




  
**90 W**  
Power consumption

  
**11 702-11 754 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP66**  
Ingress protection rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

The universal modular luminaire / floodlight L-lego 110 banner is designed for illumination of private and multi-apartment buildings, warehouse and retail premises. It can also be used to illuminate advertising structures and architectural structures.

## Design

### Body

Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided. The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

### Driver

A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### OSRAM LEDs

OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.



Monument  
Uzhno-Sakhalinsk, Russia

## Mounting

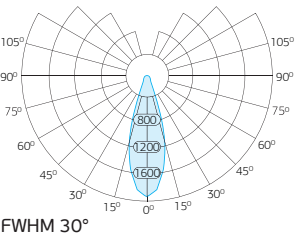
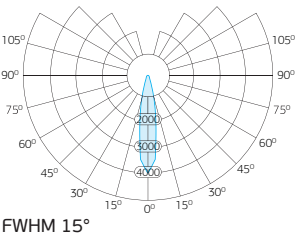
Swivel mounting.

## The module

The modular design of the L-lego luminaire with dovetail grooves makes it possible to assemble lighting installations of various shapes, sizes and power.

## Light distribution diagrams

— C0 – C180





# L-lego 110 banner

floodlight

## Modifications

Lighting	L-lego 110 banner	L-lego 110 banner
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	11754	11724

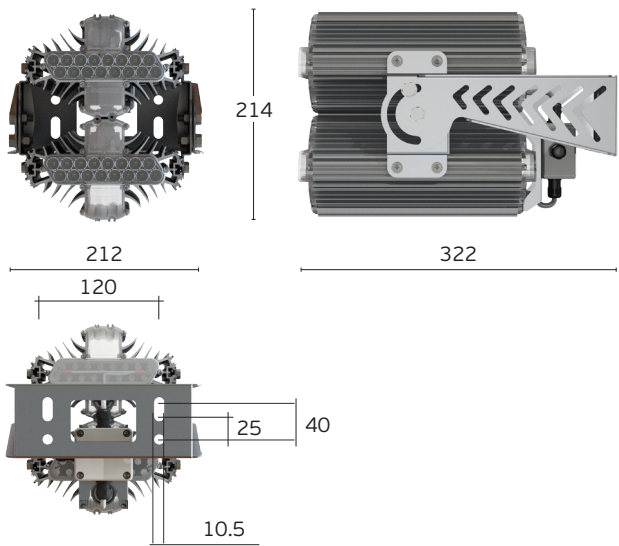
Lighting	L-lego 110 banner	L-lego 110 banner
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	11702	11702

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

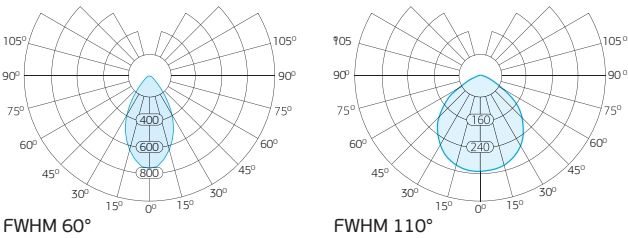
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	90		
Total luminous flux, lm	11702/ 11702/ 11724/ 11754		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 10		
Overall dimensions, HLW, mm	214x322x212		
Weight, kg	6,8		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



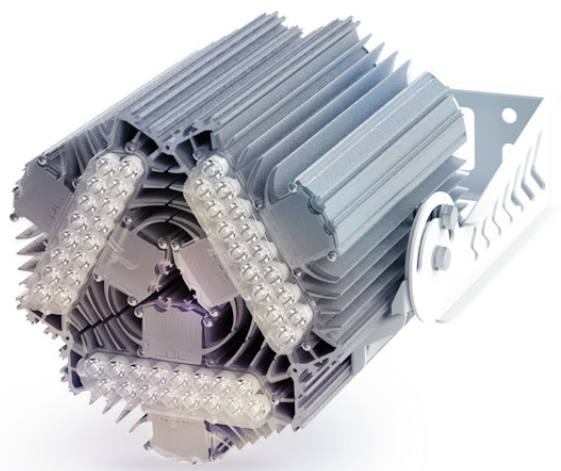
## Light distribution diagrams

— C0 – C180



# L-lego 165 banner

floodlight



135 W

Power consumption



17 554-17 632 lm

Luminous flux



OSRAM

LEDs



IP66

Ingress protection rating



100 000 hours

Lifetime



5 year

Warranty

## Usage

The universal modular luminaire / floodlight L-lego 165 banner is designed for illumination of private and multi-apartment buildings, warehouse and retail premises. It can also be used to illuminate advertising structures and architectural structures.

## Design

### Body

Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided. The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

### Optics

The glass is made of impact-resistant polycarbonate. Luminaires can optionally be equipped with a system of secondary optics (15°, 30°, 60°), allowing as necessary to direct the luminous flux on the illuminated surface.

### Driver

A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### OSRAM LEDs

OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.



Ice rink  
Neftekamsk, Russia

## Mounting

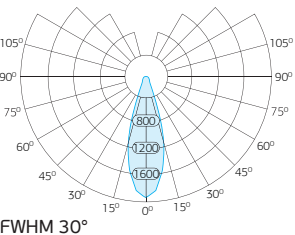
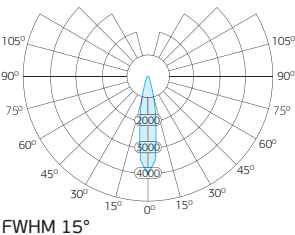
Swivel mounting.

## The module

The modular design of the L-lego luminaire with dovetail grooves makes it possible to assemble lighting installations of various shapes, sizes and power.

## Light distribution diagrams

— C0 – C180



# L-lego 165 banner

floodlight

## Modifications

Lighting	L-lego 165 banner	L-lego 165 banner
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	17632	17585

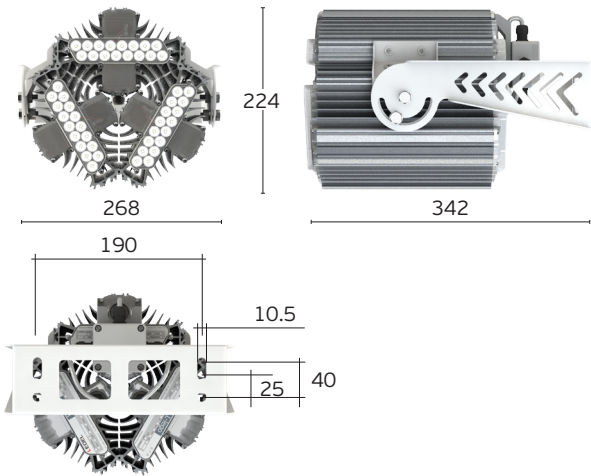
Lighting	L-lego 165 banner	L-lego 165 banner
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	17554	17553

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

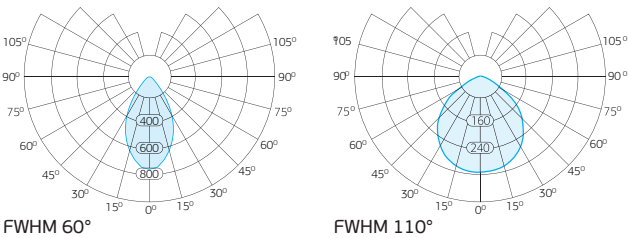
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	135		
Total luminous flux, lm	17553/ 17554/ 17585/ 17632		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 10		
Overall dimensions, HLW, mm	224x342x268		
Weight, kg	9,6		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



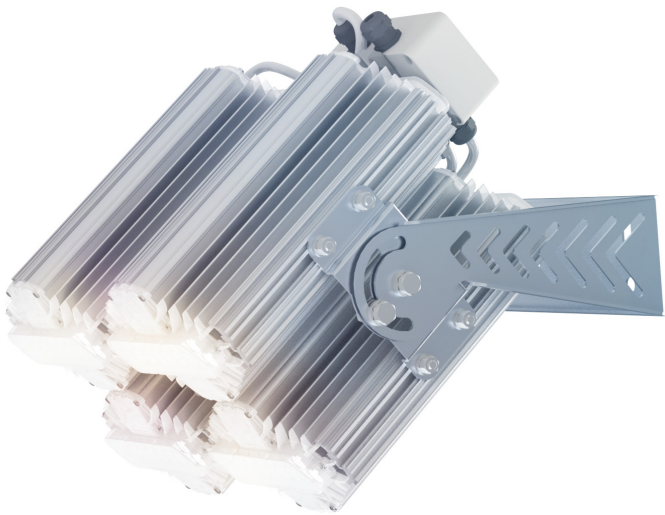
## Light distribution diagrams







— C0 – C180



# L-lego 220 banner

floodlight



					
178 W	23 142-23 288 lm	OSRAM	IP66	100 000 hours	5 year
Power consumption	Luminous flux	LEDs	Ingress protection rating	Lifetime	Warranty

**Usage**

The universal modular luminaire / floodlight L-lego 220 banner is designed for illumination of private and multi-apartment buildings, warehouse and retail premises. It can also be used to illuminate advertising structures and architectural structures.

**Design**

**Body**

Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided. The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

**Driver**

A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

**OSRAM LEDs**

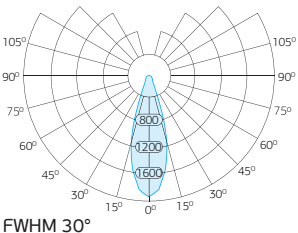
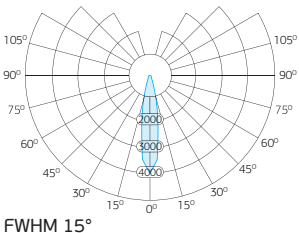
A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

**Mounting**

Swivel mounting.

## Light distribution diagrams

— C0 – C180





# L-lego 220 banner

floodlight

## Modifications

Lighting	L-lego 220 banner	L-lego 220 banner
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	23288	23226

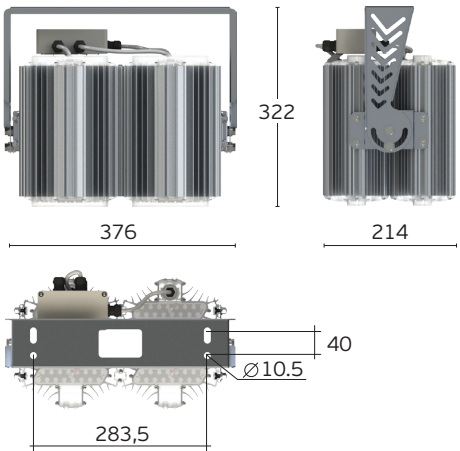
Lighting	L-lego 220 banner	L-lego 220 banner
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	23184	23142

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

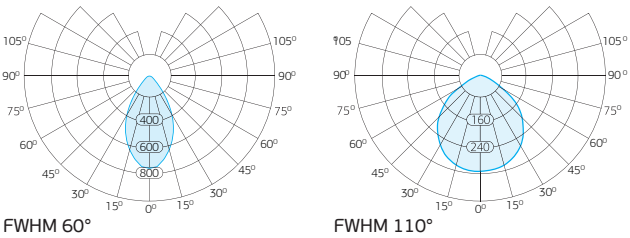
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	178		
Total luminous flux, lm	23142/ 23184/ 23226/ 23288		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 10		
Overall dimensions, HLW, mm	322x376x214		
Weight, kg	12,9		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



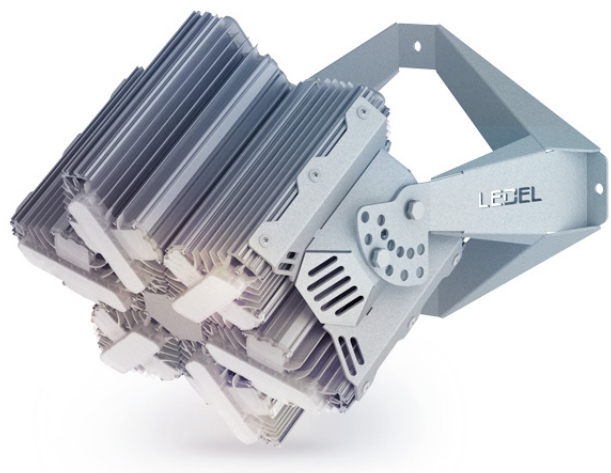
## Light distribution diagrams







— C0 – C180



# L-lego 330 banner

floodlight



					
270 W	35 110-35 263 lm	OSRAM	IP66	100 000 hours	5 year
Power consumption	Luminous flux	LEDs	Ingress protection rating	Lifetime	Warranty

## Usage

L-lego 330 banner is designed for outdoor illumination of areas with high lighting requirements (stadiums, ports, squares), as well as interior lighting of premises with a suspension height of 15 m and above (industrial facilities, logistics complexes, sports facilities etc.).

## Design

### Body

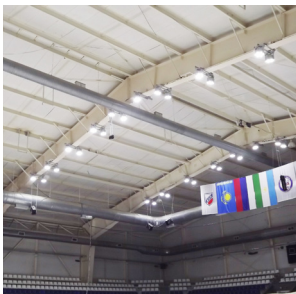
The light fixture is made of extruded aluminum. Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided. The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

### Driver

Patented driver is located in the hermetic part of the case and has a protection system against voltage surges (up to 2 kV) and overheating. The driver guarantee the maximum efficiency and high power factor (greater than 0.95).

### OSRAM LEDs

OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.



Ice rink  
Neftekamsk, Russia

## Mounting

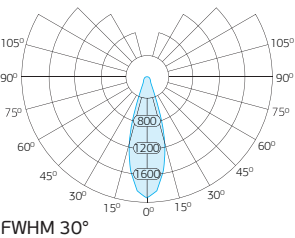
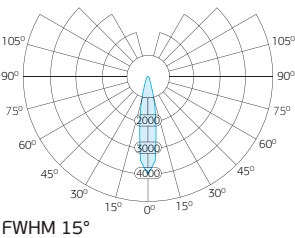
Swivel mounting.

## The module

The modular design of the L-lego luminaire with dovetail grooves makes it possible to assemble lighting installations of various shapes, sizes and power.

## Light distribution diagrams

— C0 – C180



# L-lego 330 banner

floodlight

## Modifications

Lighting	L-lego 330 banner	L-lego 330 banner
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	35263	35171

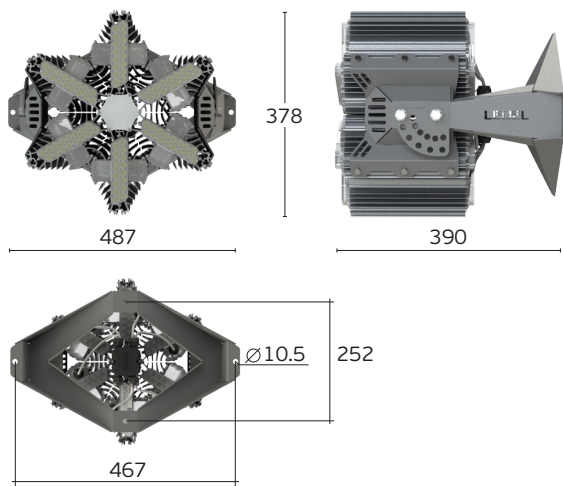
Lighting	L-lego 330 banner	L-lego 330 banner
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	35107	35110

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

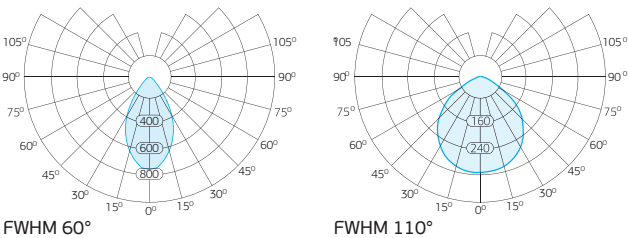
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	270		
Total luminous flux, lm	35107/ 35110/ 35171/ 35263		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 10		
Overall dimensions, HLW, mm	378x390x487		
Weight, kg	23,4		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



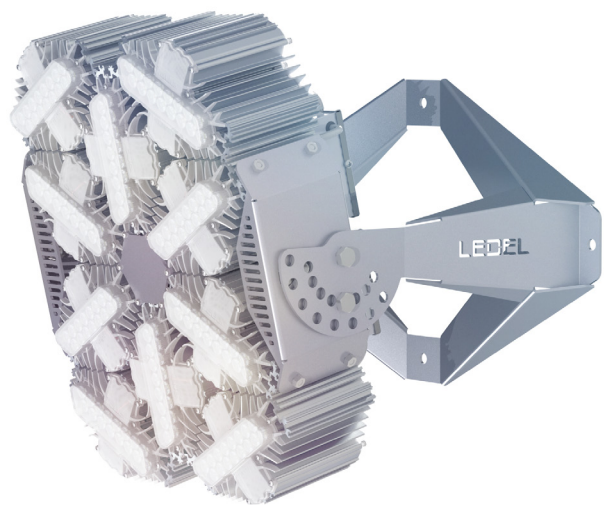
## Light distribution diagrams







— C0 – C180



# L-lego 500 banner

floodlight



					
425 W	55 396-55 743 lm	OSRAM	IP66	100 000 hours	5 year
Power consumption	Luminous flux	LEDs	Ingress protection rating	Lifetime	Warranty

## Usage

L-lego 500 banner is designed for outdoor illumination of areas with high lighting requirements (stadiums, ports, squares), as well as interior lighting of premises with a suspension height of 15 m and above (industrial facilities, logistics complexes, sports facilities etc.).

## Design

### Body

The light fixture is made of extruded aluminum. Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided. The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

### Driver

Patented driver is located in the hermetic part of the case and has a protection system against voltage surges (up to 2 kV) and overheating. The driver guarantee the maximum efficiency and high power factor (greater than 0.95).

### OSRAM LEDs

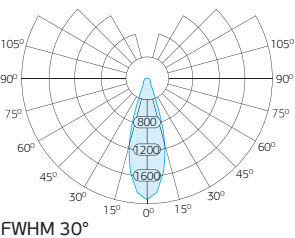
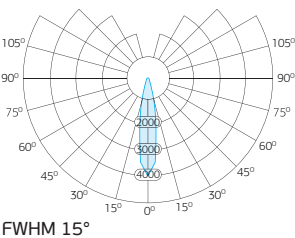
OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.

## Mounting

Swivel mounting.

## Light distribution diagrams

— CO – C180





# L-lego 500 banner

floodlight

## Modifications

Lighting	L-lego 500 banner	L-lego 500 banner
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	55743	55597

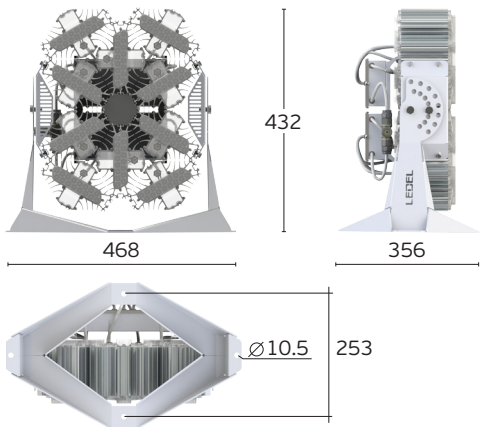
Lighting	L-lego 500 banner	L-lego 500 banner
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	55496	55396

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

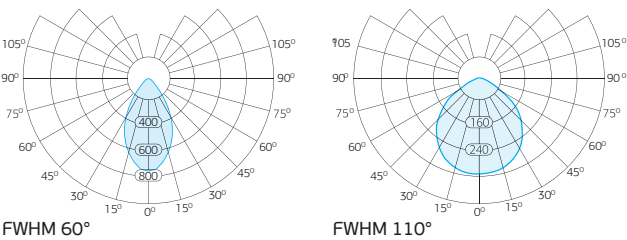
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	425		
Total luminous flux, lm	55396/ 55496/ 55597/ 55743		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 10		
Overall dimensions, HLW, mm	432x356x432x468		
Weight, kg	21,1		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagrams


— C0 – C180



# L-banner 600

floodlight



  
**600 W**  
Power  
consumption

  
**66 816-69 906 lm**  
Luminous flux

  
**CREE/OSRAM**  
LEDs

  
**IP66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

L- banner 600 is designed for outdoor illumination of areas with high lighting requirements (stadiums, ports, squares), as well as interior lighting of premises with a suspension height of 15 m and above (industrial facilities, logistics complexes, sports facilities etc.).

## Design

### Body

Cast aluminum body with active cooling.

### Driver

Two proprietary drivers provide the maximum efficiency and high power factor (greater than 0.95) and protect L- banner 600 from voltage surges and overheating.

### Optics

Silicate glass.



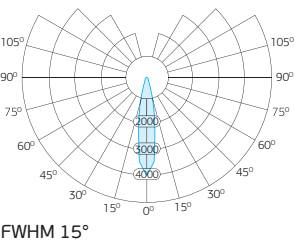
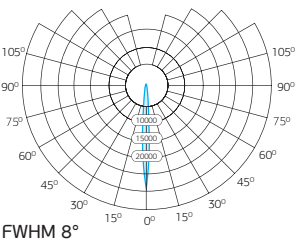
Подсветка статуи  
«Родина-мать зовет!»  
г. Волгоград

## Mounting

Swivel mounting.

## Light distribution diagrams

— C0 – C180



# L-banner 600

floodlight

## Modifications

Lighting	L-banner 600	L-banner 600
Light distribution diagram	FWHM 8°	FWHM 15°
Total luminous flux, lm	66816	69906

Lighting	L-banner 600	L-banner 600
Light distribution diagram	FWHM 30°	FWHM 60°
Total luminous flux, lm	69130	69702

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

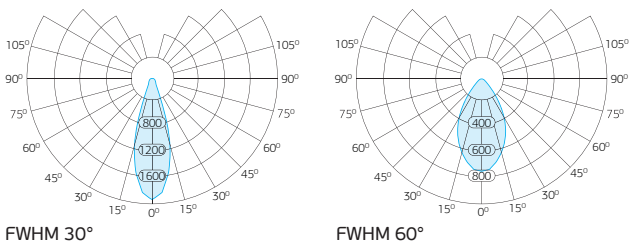
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	600		
Total luminous flux, lm	66816/ 69130/ 69702/ 69906		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	238x462,5x426		
Weight, kg	14,0		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagrams

— CO – C180



# L-line A 0,25

architectural lighting



**7,2 W**  
Power  
consumption



**849 lm**  
Luminous flux



**OSRAM**  
LEDs



**IP66**  
Ingress protection  
rating



**100 000 hours**  
Lifetime



**5 year**  
Warranty

## Usage

LED module L-line A 0,25 is perfect for any kind of architectural lighting. L-line A modules can be connected in continuous lines up to 12 meters. It ensures a uniform glow over the entire connection length. Sealed connectors provide a secure connection.

## Options

DMX 512 control system is optional.

## Design

### Body

L-line A LED module is a polycarbonate tube which is resistant to atmospheric and mechanical impacts.

Polycarbonate has high light transmittance. Thanks to hermetic, non-separable connection, the module is completely protected from water and dust.

### Driver

An additional assemble of external driver is necessary. Driver's supply voltage of alternating current has to be 32-42 V (max output current 10 A).

## Mounting

Surface mounting.

## Color range

In addition to white light, L-line A also has RGB variant.

# L-line A 0,25

architectural lighting

## Modifications

Lighting	L-line A 0.25 monochrome	L-line A 0.25 monochrome
Lightning color	white	red
Lighting	L-line A 0.25 monochrome	L-line A 0.25 monochrome
Lightning color	green	blue
Lighting	L-line A 0.25 monochrome	
Lightning color	RGB	

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

\* Total luminous flux is specified for 5000 K color temperature version.

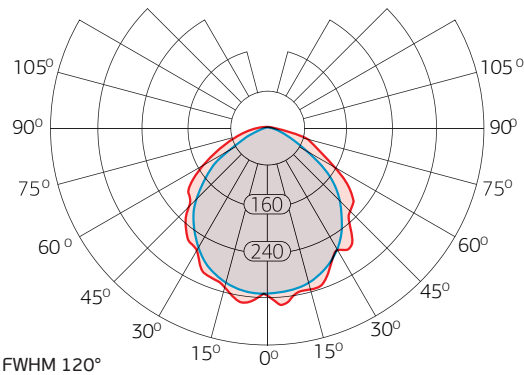
<b>Driver</b>	
Supply voltage of alternating current, V	32-48
Max output current, A	10
<b>L-line A 0.25 module</b>	
Power consumption, W	7,2
Total luminous flux, lm*	849
Color temperature, K	3000, 4000, 5000
Colour rendering index	82
Driver’s power factor, λ	≥ 0,95
Luminous flux ripple factor, %	≤ 1
Overall dimensions, HLW, mm	43×250×42
Weight, kg	0,15
Operating temperature, °C	от -60 до +40
Appliance class	II
Ingress protection rating	IP 66

## Overall dimensions



## Light distribution diagrams

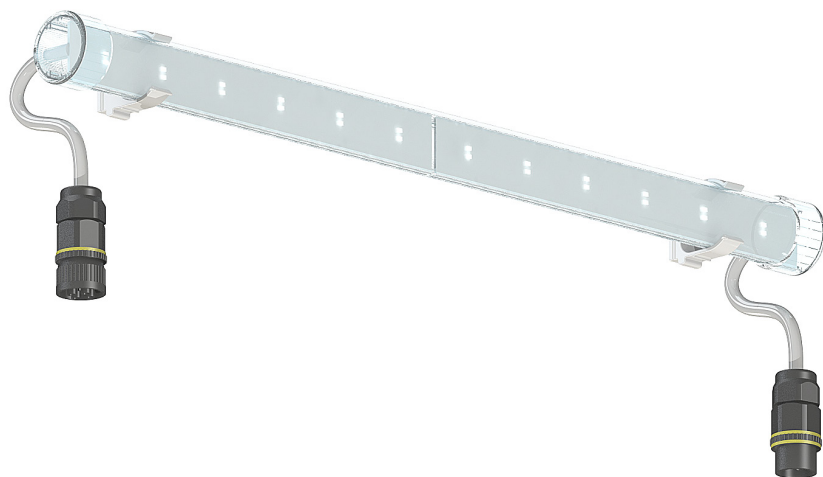
- C0 – C180
- C90 – C270





# L-line A 0,5

architectural lighting



14,4 W

Power  
consumption



1 699 lm

Luminous flux



OSRAM

LEDs



IP66

Ingress protection  
rating



100 000 hours

Lifetime



5 year

Warranty

## Usage

LED module L-line A 0,5 is perfect for any kind of architectural lighting. L-line A modules can be connected in continuous lines up to 12 meters. It ensures a uniform glow over the entire connection length. Sealed connectors provide a secure connection.

## Options

DMX 512 control system is optional.

## Design

### Body

L-line A LED module is a polycarbonate tube which is resistant to atmospheric and mechanical impacts.

Polycarbonate has high light transmittance. Thanks to hermetic, non-separable connection, the module is completely protected from water and dust.

### Driver

An additional assemble of external driver is necessary. Driver's supply voltage of alternating current has to be 32-42 V (max output current 10 A).

## Mounting

Surface mounting.

## Color range

In addition to white light, L-line A also has RGB variant.

# L-line A 0,5

architectural lighting

## Modifications

Lighting	L-line A 0.5 monochrome	L-line A 0.5 monochrome
Lightning color	white	red
Lighting	L-line A 0.5 monochrome	L-line A 0.5 monochrome
Lightning color	green	blue
Lighting	L-line A 0.5 monochrome	
Lightning color	RGB	

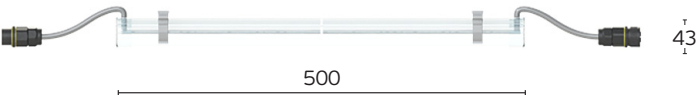
## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

\* Total luminous flux is specified for 5000 K color temperature version.

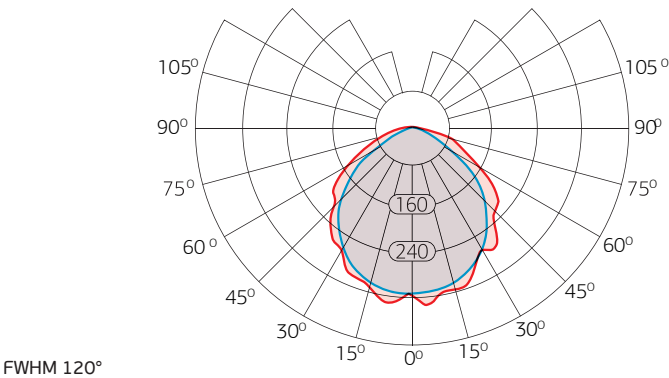
Driver	
Supply voltage of alternating current, V	32-48
Max output current, A	10
L-line A 0.5 module	
Power consumption, W	14,4
Total luminous flux, lm*	1699
Color temperature, K	3000, 4000, 5000
Colour rendering index	82
Driver's power factor, λ	≥ 0,95
Luminous flux ripple factor, %	≤ 1
Overall dimensions, HLW, mm	43×500×42
Weight, kg	0,25
Operating temperature, °C	от -60 до +40
Appliance class	II
Ingress protection rating	IP 66

## Overall dimensions



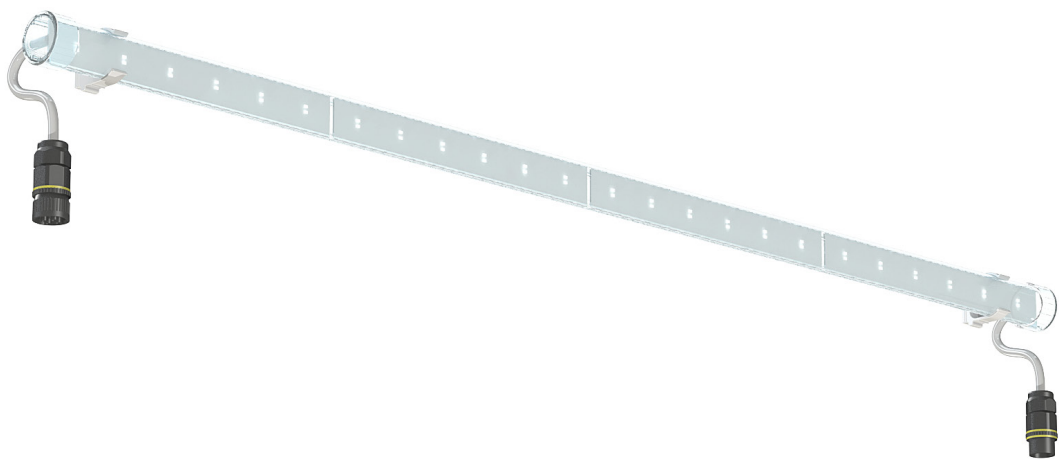
## Light distribution diagrams

— C0 – C180  
— C90 – C270



# L-line A 1,0

architectural lighting



28,8 W

Power  
consumption



3 398 lm

Luminous flux



OSRAM

LEDs



IP66

Ingress protection  
rating



100 000 hours

Lifetime



5 year

Warranty

## Usage

LED module L-line A 1,0 is perfect for any kind of architectural lightning. L-line A modules can be connected in continuous lines up to 12 meters. It ensures a uniform glow over the entire connection length. Sealed connectors provide a secure connection.

## Options

DMX 512 control system is optional.

## Design

### Body

L-line A LED module is a polycarbonate tube which is resistant to atmospheric and mechanical impacts.

Polycarbonate has high light transmittance. Thanks to hermetic, non-separable connection, the module is completely protected from water and dust.

### Driver

An additional assemble of external driver is necessary. Driver's supply voltage of alternating current has to be 32-42 V (max output current 10 A).

## Mounting

Surface mounting.

## Color range

In addition to white light, L-line A also has RGB variant.

# L-line A 1,0

architectural lighting

## Modifications

Lighting	L-line A 1.0 monochrome	L-line A 1.0 monochrome
Lightning color	white	red
Lighting	L-line A 1.0 monochrome	L-line A 1.0 monochrome
Lightning color	green	blue
Lighting	L-line A 1.0 monochrome	
Lightning color	RGB	

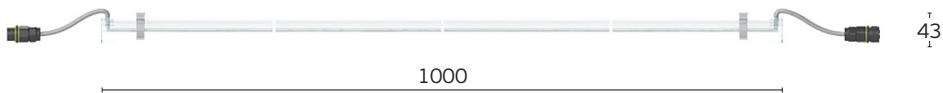
## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

\* Total luminous flux is specified for 5000 K color temperature version.

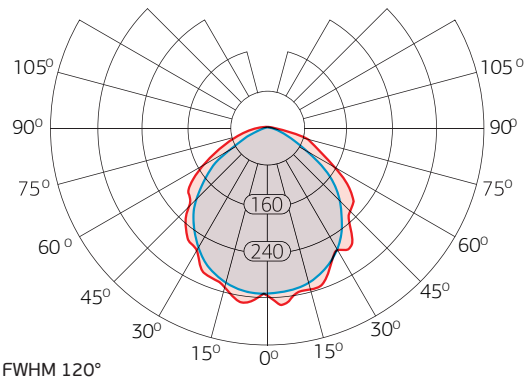
Driver	
Supply voltage of alternating current, V	32-48
Max output current, A	10
L-line A 1.0 module	
Power consumption, W	28,8
Total luminous flux, lm*	3398
Color temperature, K	3000, 4000, 5000
Colour rendering index	82
Driver's power factor, λ	≥ 0,95
Luminous flux ripple factor, %	≤ 1
Overall dimensions, HLW, mm	43×1000×42
Weight, kg	0,4
Operating temperature, °C	от -60 до +40
Appliance class	II
Ingress protection rating	IP 66

## Overall dimensions



## Light distribution diagrams

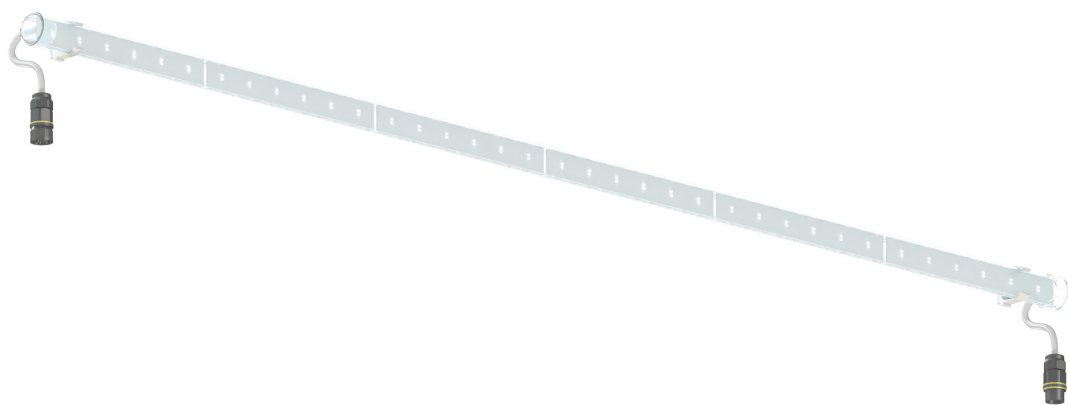
— C0 – C180  
— C90 – C270





# L-line A 1,5

architectural lighting



43,2 W

Power  
consumption



5 097 lm

Luminous flux



OSRAM

LEDs



IP66

Ingress protection  
rating



100 000 hours

Lifetime



5 year

Warranty

## Usage

LED module L-line A 1,5 is perfect for any kind of architectural lightning. L-line A modules can be connected in continuous lines up to 12 meters. It ensures a uniform glow over the entire connection length. Sealed connectors provide a secure connection.

## Options

DMX 512 control system is optional.

## Design

### Body

L-line A LED module is a polycarbonate tube which is resistant to atmospheric and mechanical impacts.

Polycarbonate has high light transmittance. Thanks to hermetic, non-separable connection, the module is completely protected from water and dust.

### Driver

An additional assemble of external driver is necessary. Driver's supply voltage of alternating current has to be 32-42 V (max output current 10 A).

## Mounting

Surface mounting.

## Color range

In addition to white light, L-line A also has RGB variant.

# L-line A 1,5

architectural lighting

## Modifications

Lighting	L-line A 1.5 monochrome	L-line A 1.5 monochrome
Lightning color	white	red
Lighting	L-line A 1.5 monochrome	L-line A 1.5 monochrome
Lightning color	green	blue
Lighting	L-line A 1.5 monochrome	
Lightning color	RGB	

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

\* Total luminous flux is specified for 5000 K color temperature version.

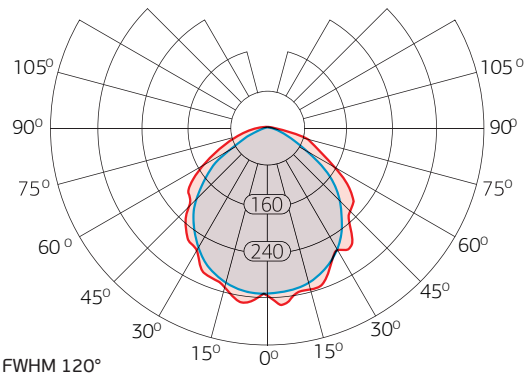
Driver	
Supply voltage of alternating current, V	32-48
Max output current, A	10
L-line A 1.5 module	
Power consumption, W	43,2
Total luminous flux, lm*	5097
Color temperature, K	3000, 4000, 5000
Colour rendering index	82
Driver's power factor, λ	≥ 0,95
Luminous flux ripple factor, %	≤ 1
Overall dimensions, HLW, mm	43×1500×42
Weight, kg	0,5
Operating temperature, °C	от -60 до +40
Appliance class	II
Ingress protection rating	IP 66

## Overall dimensions



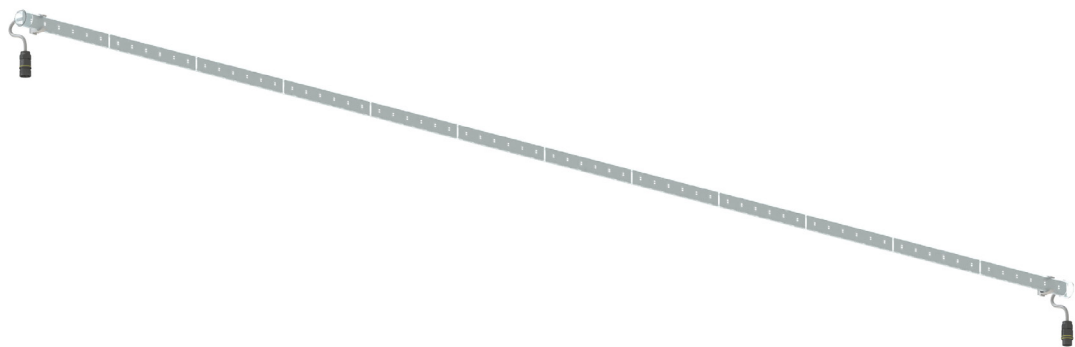
## Light distribution diagrams

- C0 – C180
- C90 – C270



# L-line A 3,0

architectural lighting



86,4 W

Power  
consumption



10 195 lm

Luminous flux



OSRAM

LEDs



IP66

Ingress protection  
rating



100 000 hours

Lifetime



5 year

Warranty

## Usage

LED module L-line A 3,0 is perfect for any kind of architectural lightning. L-line A modules can be connected in continuous lines up to 12 meters. It ensures a uniform glow over the entire connection length. Sealed connectors provide a secure connection.

## Options

DMX 512 control system is optional.

## Design

### Body

L-line A LED module is a polycarbonate tube which is resistant to atmospheric and mechanical impacts.

Polycarbonate has high light transmittance. Thanks to hermetic, non-separable connection, the module is completely protected from water and dust.

### Driver

An additional assemble of external driver is necessary. Driver's supply voltage of alternating current has to be 32-42 V (max output current 10 A).

## Mounting

Surface mounting.

## Color range

In addition to white light, L-line A also has RGB variant.

# L-line A 3,0

architectural lighting

## Modifications

Lighting	L-line A 3.0 monochrome	L-line A 3.0 monochrome
Lightning color	white	red
Lighting	L-line A 3.0 monochrome	L-line A 3.0 monochrome
Lightning color	green	blue
Lighting	L-line A 3.0 monochrome	
Lightning color	RGB	

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

\* Total luminous flux is specified for 5000 K color temperature version.

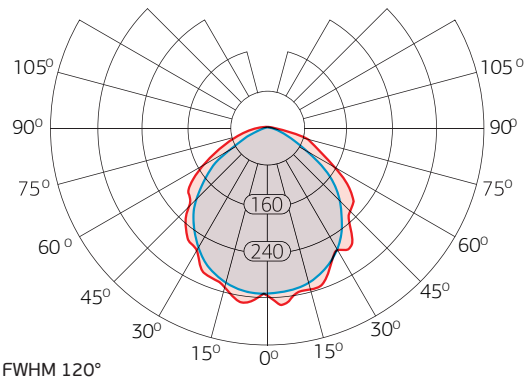
Driver	
Supply voltage of alternating current, V	32-48
Max output current, A	10
L-line A 3.0 module	
Power consumption, W	86,4
Total luminous flux, lm*	10195
Color temperature, K	3000, 4000, 5000
Colour rendering index	82
Driver's power factor, λ	≥ 0,95
Luminous flux ripple factor, %	≤ 1
Overall dimensions, HLW, mm	43×3000×42
Weight, kg	1,2
Operating temperature, °C	от -60 до +40
Appliance class	II
Ingress protection rating	IP 66

## Overall dimensions



## Light distribution diagrams

— C0 – C180  
— C90 – C270







Embankment  
Tomsk, Russia



Central city street  
Ryazan, Russia







Park  
Surgut, Russia



Broadband highway  
Volgograd, Russia



IT-village  
Kazan, Russia

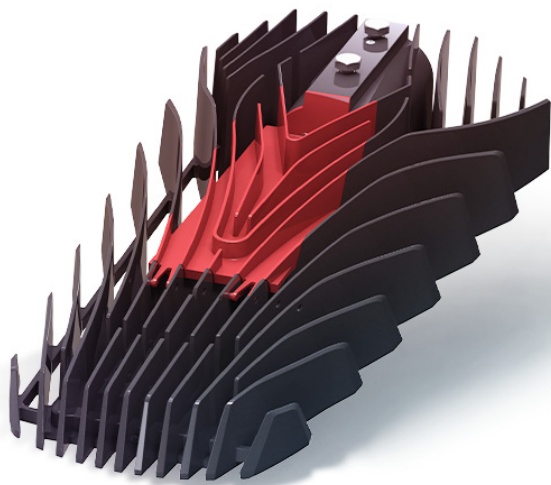
## LEDEL

### Street lighting

Street illumination transforms the appearance of the night city, ensures the safety and comfort of citizens. It is established that street lighting increases the activity of people and reduces the number of crimes. High-quality lighting of highways significantly reduces the number of accidents. LEDEL street series are represented by the L-street and Superstreet lightings. The luminous flux of these fixtures ranges from 4662 to 35500 lumens. This makes it possible to use the light fixtures for residential areas, as well as for the avenues and the loaded highways.

# Superstreet 75

street lighting



**62 W**  
Power consumption



**8 158-8 302 lm**  
Luminous flux



**OSRAM**  
LEDs



**IP 66**  
Ingress protection rating



**100 000 hours**  
Lifetime



**5 year**  
Warranty

## Usage

Superstreet 75 LED-lighting is intended to illuminate highways, multi-lane urban roads, streets, squares and residential areas.

## Design

### Body

Cast body of the lamp is made of aluminium alloy. Thanks to innovative heat sink system we created the lamp with high light output and minimum dimensions and weight. Body provides optimal temperature operating mode of LEDs and electronic components. The result is lifetime of 100000 hours (25 years). A special dustproof coating protects the light from external contamination.

### Driver

Patented driver is located in the hermetic part of the case and has a 3-step protection system against voltage surges (up to 10 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### MULTIOPTICS system

The unique optical system combines multilens and protective glass. It eliminates light loss in the secondary optics. With this solution, the efficiency of the optical system achieves reaches 93%.

### LEDs

OSRAM LEDs have almost the best performance on the ratio lm/W, durability and reliability.

## LCS-01

### LCS-01 (Zig Bee)

The light fixture optionally integrated wireless control system LCS-01 (Zig Bee).

## Mounting

Mount of Superstreet is equipped with special level that allows to accurately set the lamp.

# Superstreet 75

street lighting

## Modifications

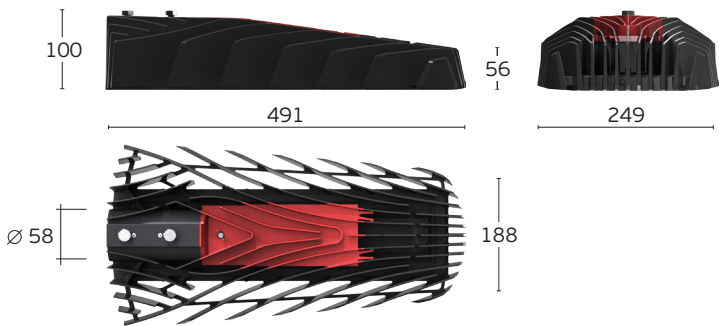
Lighting	Superstreet 75	Superstreet 75
Light distribution diagram	FWHM 45°*130	FWHM 75°*140
Total luminous flux, lm	8302	8158

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

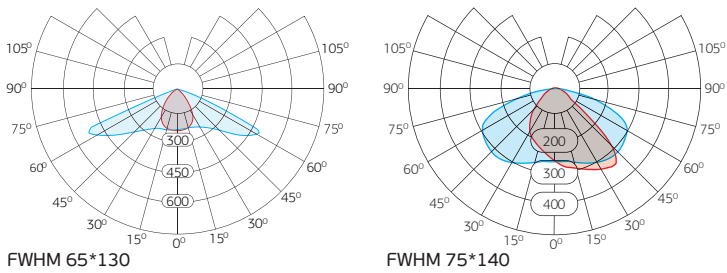
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	62		
Total luminous flux, lm	8158/ 8302		
Color temperature, K	4000, 5000, 3000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	100x491x249		
Weight, kg	6,5		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram

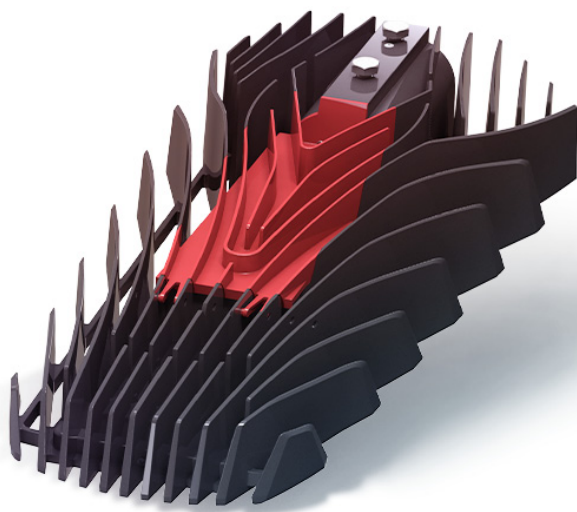
- CO – C180
- C90 – C270







# Superstreet 110

street lighting



  
**95 W**  
Power consumption

  
**12 390-12 400 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP 66**  
Ingress protection rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

Superstreet 110 LED-lighting is intended to illuminate highways, multi-lane urban roads, streets, squares and residential areas.

## Design

### Body

Cast body of the lamp is made of aluminium alloy. Thanks to innovative heat sink system we created the lamp with high light output and minimum dimensions and weight. Body provides optimal temperature operating mode of LEDs and electronic components. The result is lifetime of 100000 hours (25 years). A special dustproof coating protects the light from external contamination.

### Driver

Patented driver is located in the hermetic part of the case and has a 3-step protection system against voltage surges (up to 10 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### MULTIOPTICS system

The unique optical system combines multilens and protective glass. It eliminates light loss in the secondary optics. With this solution, the efficiency of the optical system achieves reaches 93%.

### LEDs

OSRAM LEDs have almost the best performance on the ratio lm/W, durability and reliability.



Park  
Volgograd, Russia

## LCS-01

### LCS-01 (Zig Bee)

The light fixture optionally integrated wireless control system LCS-01 (Zig Bee).

## Mounting

Mount of Superstreet is equipped with special level that allows to accurately set the lamp.

# Superstreet 110

street lighting

## Modifications

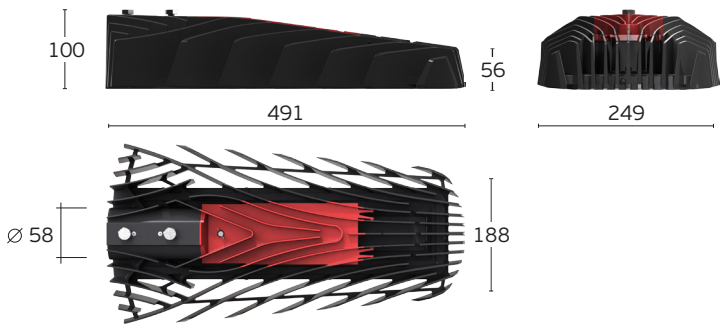
Lighting	Superstreet 110	Superstreet 110
Light distribution diagram	FWHM 65*130	FWHM 75*140
Total luminous flux, lm	12390	12400

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

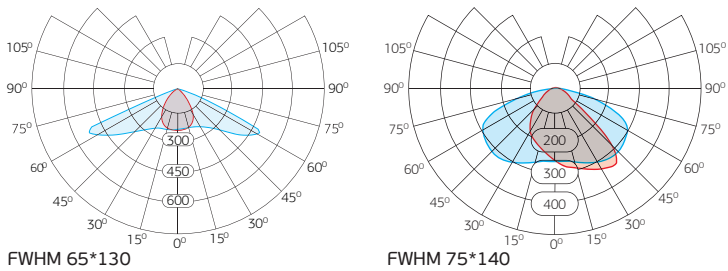
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	95		
Total luminous flux, lm	12390/12400		
Color temperature, K	4000, 5000, 3000		
Colour rendering index	72		
Driver’s power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	100x491x249		
Weight, kg	6,5		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



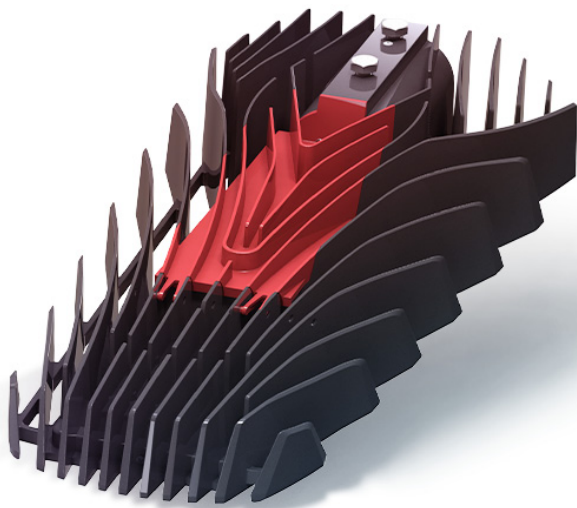
## Light distribution diagram

- CO – C180
- C90 – C270




# Superstreet 150

street lighting



  
**125 W**  
Power consumption

  
**16 700-16 756 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP 66**  
Ingress protection rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

Superstreet 150 LED-lighting is intended to illuminate highways, multi-lane urban roads, streets, squares and residential areas.

## Design

### Body

Cast body of the lamp is made of aluminium alloy. Thanks to innovative heat sink system we created the lamp with high light output and minimum dimensions and weight. Body provides optimal temperature operating mode of LEDs and electronic components. The result is lifetime of 100000 hours (25 years). A special dustproof coating protects the light from external contamination.

### Driver

Patented driver is located in the hermetic part of the case and has a 3-step protection system against voltage surges (up to 10 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### MULTIOPTICS system

The unique optical system combines multilens and protective glass. It eliminates light loss in the secondary optics. With this solution, the efficiency of the optical system achieves reaches 93%.

### LEDs

OSRAM LEDs have almost the best performance on the ratio lm/W, durability and reliability.



Residential area  
Obninsk, Russia

## LCS-01

### LCS-01 (Zig Bee)

The light fixture optionally integrated wireless control system LCS-01 (Zig Bee).

## Mounting

Mount of Superstreet is equipped with special level that allows to accurately set the lamp.

# Superstreet 150

street lighting

## Modifications

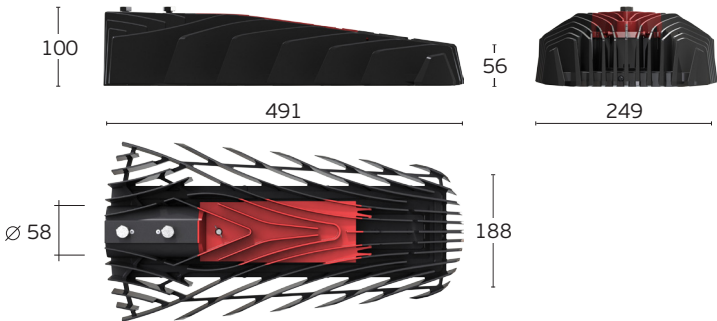
Lighting	Superstreet 150	Superstreet 150
Light distribution diagram	FWHM 65°*130	FWHM 75°*140
Total luminous flux, lm	16756	16700

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

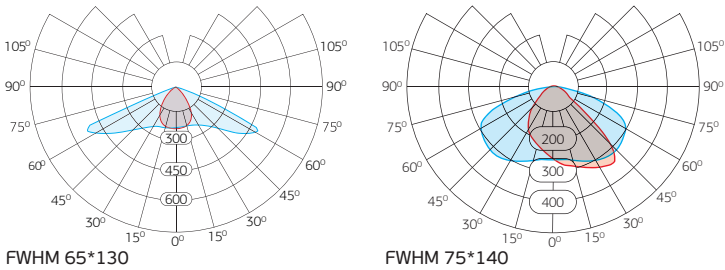
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	125		
Total luminous flux, lm	16700/ 16756		
Color temperature, K	4000, 5000, 3000		
Colour rendering index	72		
Driver’s power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	100x491x249		
Weight, kg	6,5		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram


- CO – C180
- C90 – C270



# Superstreet 250

street lighting



					
185-202 W	24 150-27 956 lm	OSRAM	IP66	100 000 hours	5 year
Power consumption	Luminous flux	LEDs	Ingress protection rating	Lifetime	Warranty

## Usage

Superstreet 250 is designed to illuminate the broad highways, multi-lane city roads and squares.

## Design

**Body**  
Cast body of the lamp is made of aluminium alloy. Thanks to innovative heat sink system we created the lamp with high light output and minimum dimensions and weight. Body provides optimal temperature operating mode of LEDs and electronic components. The result is lifetime of 100000 hours (25 years). A special dustproof coating protects the light from external contamination.

**Driver**  
Patented driver is located in the hermetic part of the case and has a 3-step protection system against voltage surges (up to 10 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

**MULTIOPTICS system**  
The unique optical system combines multilens and protective glass. It eliminates light loss in the secondary optics. With this solution, the efficiency of the optical system achieves reaches 93%.

**LEDs**  
OSRAM LEDs have almost the best performance on the ratio lm/W, durability and reliability.



City road  
Ryazan, Russia

## LCS-01

**LCS-01 (Zig Bee)**  
The light fixture optionally integrated wireless control system LCS-01 (Zig Bee).

## Mounting

Mount of Superstreet is equipped with special level that allows to accurately set the lamp.



# Superstreet 250

street lighting

## Modifications

Lighting	Superstreet 250	Superstreet 250
Light distribution diagram	FWHM 65*130	FWHM 75*140
Total luminous flux, lm	27956	26734

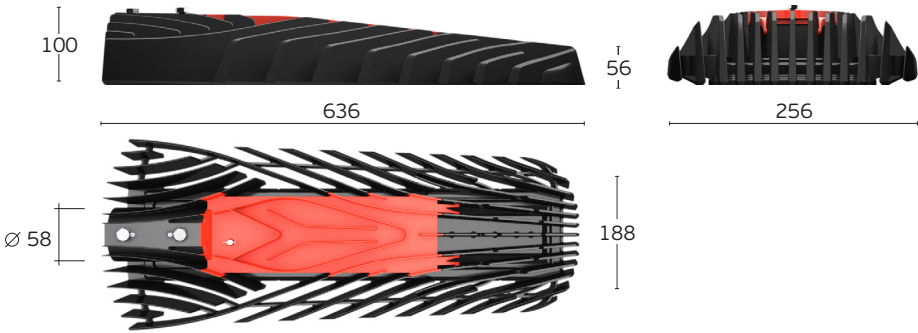
Lighting	Superstreet 250
Light distribution diagram	FWHM 85*145
Total luminous flux, lm	24150

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

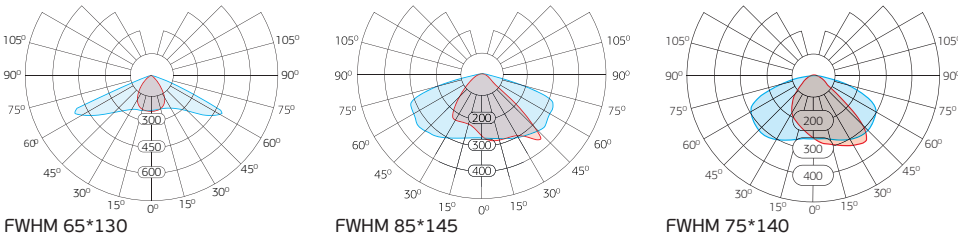
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	185-202		
Total luminous flux, lm	24150/ 26734/ 27956		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	100x636x256		
Weight, kg	8,9		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram

- C0 – C180
- C90 – C270




# Superstreet 340

street lighting



  
**310 W**  
Power  
consumption

  
**34 131-36 580 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP 66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

Superstreet 340 is designed to illuminate the A-category highways, multi-lane city roads and squares.

## Design

### Body

Cast body of the lamp is made of aluminium alloy. Thanks to innovative heat sink system we created the lamp with high light output and minimum dimensions and weight. Body provides optimal temperature operating mode of LEDs and electronic components. The result is lifetime of 100000 hours (25 years). A special dustproof coating protects the light from external contamination.

### Driver

Patented driver is located in the hermetic part of the case and has a 3-step protection system against voltage surges (up to 10 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### MULTIOPTICS system

The unique optical system combines multilens and protective glass. It eliminates light loss in the secondary optics. With this solution, the efficiency of the optical system achieves reaches 93%.

### LEDs

OSRAM LEDs have almost the best performance on the ratio lm/W, durability and reliability.



Highway M4 "Don"  
Russia

## LCS-01

### LCS-01 (Zig Bee)

The light fixture optionally integrated wireless control system LCS-01 (Zig Bee).

## Mounting

Mount of Superstreet is equipped with special level that allows to accurately set the lamp.

# Superstreet 340

street lighting

## Modifications

Lighting	Superstreet 340	Superstreet 340
Light distribution diagram	FWHM 65*130	FWHM 75*140
Total luminous flux, lm	36580	34131

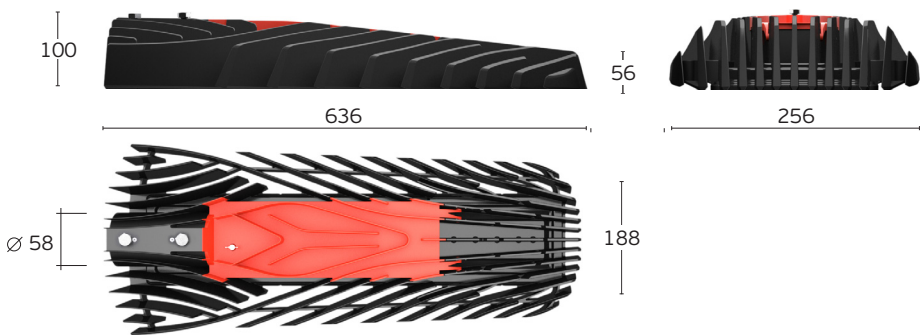
Lighting	Superstreet 340
Light distribution diagram	FWHM 85*140
Total luminous flux, lm	34565

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

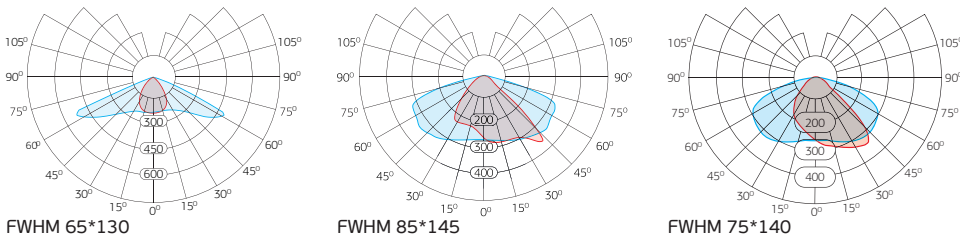
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	310		
Total luminous flux, lm	34131/ 34565/ 36580		
Color temperature, K	4000, 5000, 3000		
Colour rendering index	72		
Driver’s power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	100x636x256		
Weight, kg	8,9		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram

- C0 – C180
- C90 – C270



# L-street 40 Turbine

street lighting



33 W

Power  
consumption



4 301-4 488 lm

Luminous flux



OSRAM

LEDs



IP 66

Ingress protection  
rating



100 000 hours

Lifetime



5 year

Warranty

## Usage

L-street 40 Turbine is intended for highways lightning, lightning of facilities' territories, urban road and park zones.

## Design

### Body

The all-metal aluminum body is made by extrusion. It has special sites to enhance natural convection that help to reduce lighting's weight and ensure optimal temperature operating mode for LEDs and electronic components. L-street 40 Turbine was developed with all the requirements for protection from dirt and wind load.

### Driver

Proprietary driver is located in the hermetic part of lighting's body and protected from voltage surges and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

Double-conversion guarantees absence of pulsation for output current and luminous flux and protects driver from short circuit and hot swapping.

### Optics

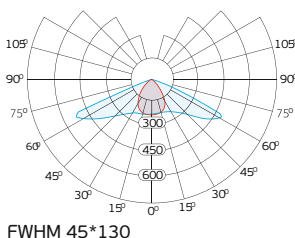
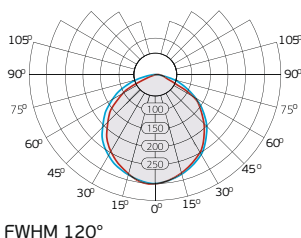
The glass is made of impact-resistant polycarbonate.

### LEDs

Used LEDs are from the world's leading manufacturer - OSRAM Opto Semiconductors GmbH (Germany). They have almost the best performance on the ratio lm/W, durability and reliability.

## Light distribution diagram

— C0 – C180  
— C90 – C270



# L-street 40 Turbine

street lighting

## Modifications

Lighting	L-street 40 Turbine	L-street 40 Turbine	L-street 40 Turbine
Light distribution diagram	FWHM 120°	FWHM 120°	FWHM 45°130
Color temperature, K	5000	4000	5000
Total luminous flux, lm	4400	4400	4416

Lighting	L-street 40 Turbine	L-street 40 Turbine	L-street 40 Turbine
Light distribution diagram	FWHM 45°130	FWHM 75°140	FWHM 75°140
Color temperature, K	4000	5000	4000
Total luminous flux, lm	4416	4488	4488

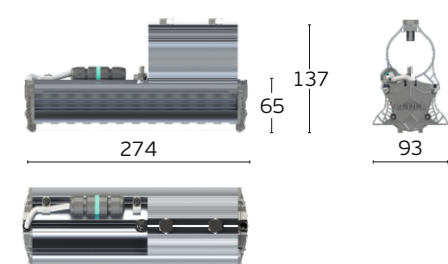
Lighting	L-street 40 Turbine	L-street 40 Turbine
Light distribution diagram	FWHM 45°130	FWHM 45°130
Color temperature, K	5000	4000
Total luminous flux, lm	4301	4301

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

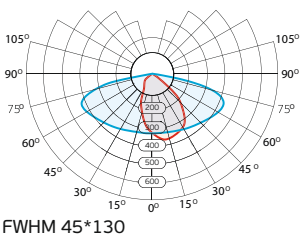
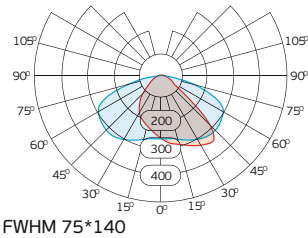
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	33		
Total luminous flux, lm	4301/ 4400/ 4416/ 4488		
Color temperature, K	4000, 5000		
Colour rendering index	80		
Driver’s power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	137x274x93		
Weight, kg	0,8		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram

- C0 – C180
- C90 – C270





# L-street 60 Turbine

street lighting



48 W

Power consumption



6 250 - 6 600 lm

Luminous flux



OSRAM

LEDs



IP 66

Ingress protection rating



100 000 hours

Lifetime



5 year

Warranty

## Usage

L-street 80 Turbine is intended for highways lightning, lightning of facilities' territories, urban road and park zones.

## Design

### Body

The all-metal aluminum body is made by extrusion. It has special sites to enhance natural convection that help to reduce lighting's weight and ensure optimal temperature operating mode for LEDs and electronic components. L-street 40 Turbine was developed with all the requirements for protection from dirt and wind load.

### Driver

Proprietary driver is located in the hermetic part of lighting's body and protected from voltage surges and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

Double-conversion guarantees absence of pulsation for output current and luminous flux and protects driver from short circuit and hot swapping.

### Optics

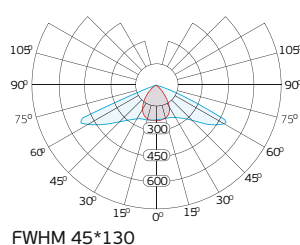
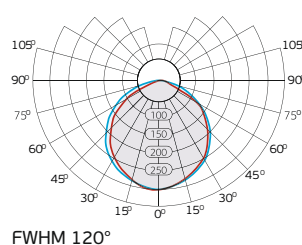
The glass is made of impact-resistant polycarbonate.

### LEDs

Used LEDs are from the world's leading manufacturer - OSRAM Opto Semiconductors GmbH (Germany). They have almost the best performance on the ratio lm/W, durability and reliability.

## Light distribution diagram

— C0 - C180  
— C90 - C270



# L-street 60 Turbine

street lighting

## Modifications

Lighting	L-street 60 Turbine	L-street 60 Turbine	L-street 60 Turbine
Light distribution diagram	FWHM 120°	FWHM 120°	FWHM 45°*130
Color temperature, K	5000	4000	5000
Total luminous flux, lm	6600	6600	6322

Lighting	L-street 60 Turbine	L-street 60 Turbine	L-street 60 Turbine
Light distribution diagram	FWHM 45°*130	FWHM 75°*140	FWHM 75°*140
Color temperature, K	4000	5000	4000
Total luminous flux, lm	6322	6425	6425

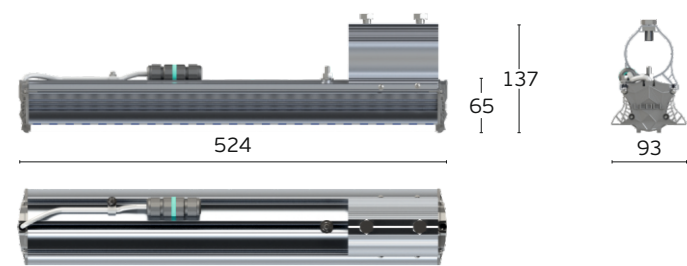
Lighting	L-street 60 Turbine	L-street 60 Turbine
Light distribution diagram	FWHM 45°*130	FWHM 45°*130
Color temperature, K	5000	4000
Total luminous flux, lm	6250	6250

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

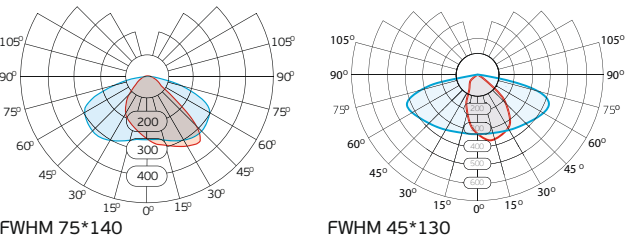
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	48		
Total luminous flux, lm	6250/ 6322/ 6425/ 6600		
Color temperature, K	4000, 5000		
Colour rendering index	80		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	137x524x93		
Weight, kg	1,35		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram

- C0 – C180
- C90 – C270



# L-street 80 Turbine

street lighting



66 W

Power  
consumption



8 602 - 8 976 lm

Luminous flux



OSRAM

LEDs



IP 66

Ingress protection  
rating



100 000 hours

Lifetime



5 year

Warranty

## Usage

L-street 80 Turbine is intended for highways lightning, lightning of facilities' territories, urban road and park zones.

## Design

### Body

The all-metal aluminum body is made by extrusion. It has special sites to enhance natural convection that help to reduce lighting's weight and ensure optimal temperature operating mode for LEDs and electronic components. L-street 40 Turbine was developed with all the requirements for protection from dirt and wind load.

### Driver

Proprietary driver is located in the hermetic part of lighting's body and protected from voltage surges and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

Double-conversion guarantees absence of pulsation for output current and luminous flux and protects driver from short circuit and hot swapping.

### Optics

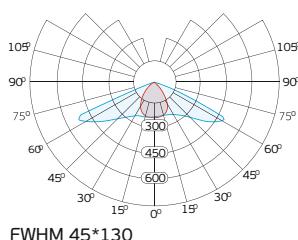
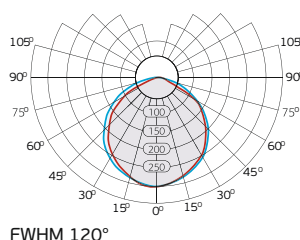
The glass is made of impact-resistant polycarbonate.

### LEDs

Used LEDs are from the world's leading manufacturer - OSRAM Opto Semiconductors GmbH (Germany). They have almost the best performance on the ratio lm/W, durability and reliability.

## Light distribution diagram

— C0 - C180  
— C90 - C270



# L-street 80 Turbine

street lighting

## Modifications

Lighting	L-street 80 Turbine	L-street 80 Turbine	L-street 80 Turbine
Light distribution diagram	FWHM 120°	FWHM 120°	FWHM 45°*130
Color temperature, K	5000	4000	5000
Total luminous flux, lm	8800	8800	8832

Lighting	L-street 80 Turbine	L-street 80 Turbine	L-street 80 Turbine
Light distribution diagram	FWHM 45°*130	FWHM 75°*140	FWHM 75°*140
Color temperature, K	4000	5000	4000
Total luminous flux, lm	8832	8976	8976

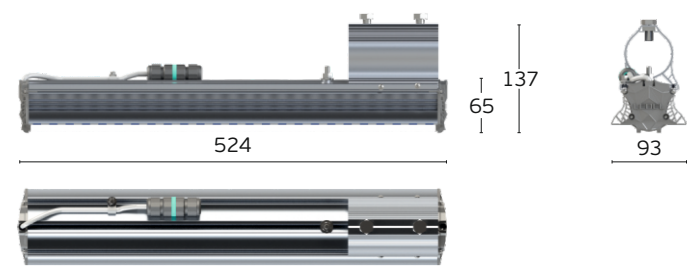
Lighting	L-street 80 Turbine	L-street 80 Turbine
Light distribution diagram	FWHM 45°*130	FWHM 45°*130
Color temperature, K	5000	4000
Total luminous flux, lm	8602	8602

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

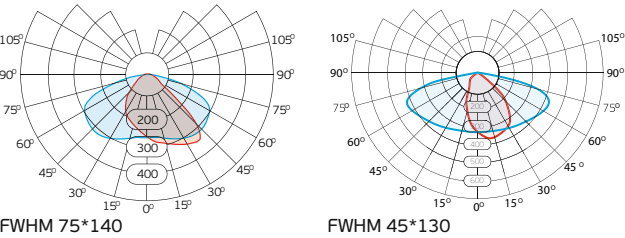
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	66		
Total luminous flux, lm	8602/ 8800/ 8832/ 8976		
Color temperature, K	4000, 5000		
Colour rendering index	80		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	137x524x93		
Weight, kg	1,35		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram

- C0 – C180
- C90 – C270



# L-street 120 Turbine

street lighting



96 W

Power consumption



12 540 - 13 200 lm

Luminous flux



OSRAM

LEDs



IP 66

Ingress protection rating



100 000 hours

Lifetime



5 year

Warranty

## Usage

L-street 80 Turbine is intended for highways lightning, lightning of facilities' territories, urban road and park zones.

## Design

### Body

The all-metal aluminum body is made by extrusion. It has special sites to enhance natural convection that help to reduce lighting's weight and ensure optimal temperature operating mode for LEDs and electronic components. L-street 40 Turbine was developed with all the requirements for protection from dirt and wind load.

### Driver

Proprietary driver is located in the hermetic part of lighting's body and protected from voltage surges and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

Double-conversion guarantees absence of pulsation for output current and luminous flux and protects driver from short circuit and hot swapping.

### Optics

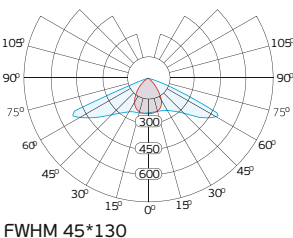
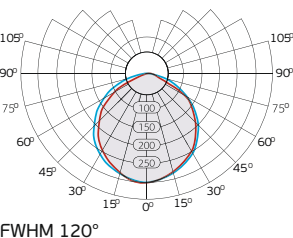
The glass is made of impact-resistant polycarbonate.

### LEDs

Used LEDs are from the world's leading manufacturer - OSRAM Opto Semiconductors GmbH (Germany). They have almost the best performance on the ratio lm/W, durability and reliability.

## Light distribution diagram

— C0 – C180  
— C90 – C270





# L-street 120 Turbine

street lighting

## Modifications

Lighting	L-street 120 Turbine	L-street 120 Turbine	L-street 120 Turbine
Light distribution diagram	FWHM 120°	FWHM 120°	FWHM 45°130
Color temperature, K	5000	4000	5000
Total luminous flux, lm	13200	13200	12541

Lighting	L-street 120 Turbine	L-street 120 Turbine	L-street 120 Turbine
Light distribution diagram	FWHM 45°130	FWHM 75°140	FWHM 75°140
Color temperature, K	4000	5000	4000
Total luminous flux, lm	12541	12744	12744

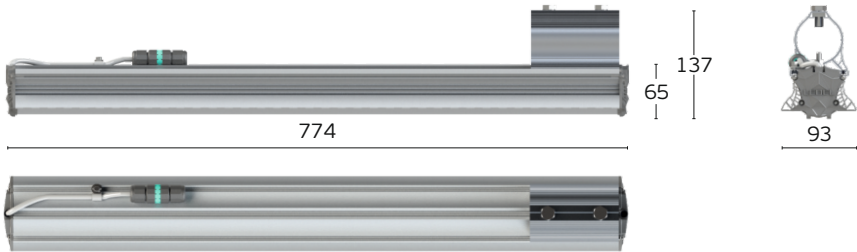
Lighting	L-street 120 Turbine	L-street 120 Turbine
Light distribution diagram	FWHM 45°130	FWHM 45°130
Color temperature, K	5000	4000
Total luminous flux, lm	12540	12540

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

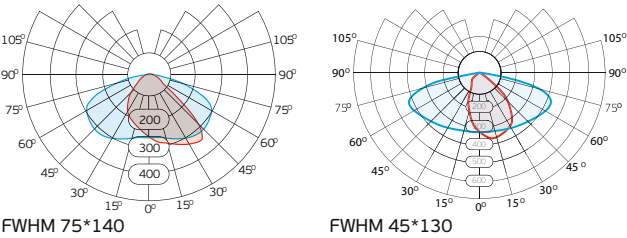
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	96		
Total luminous flux, lm	12540/ 12541/ 12744/ 13200		
Color temperature, K	4000, 5000		
Colour rendering index	80		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	137x774x93		
Weight, kg	2,0		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram

- C0 – C180
- C90 – C270







Warehouse of raw materials  
Kaluga, Russia



Ice rink  
Volgograd, Russia





The LEDEL logo is a red, stylized parallelogram with the word "LEDEL" in white, uppercase, sans-serif font.

## Industrial lighting

Industrial lighting plays an important role in the production process. Properly designed lighting reduces energy consumption, improves productivity and safety. Industrial lamps should have the optimal spectral composition, be convenient and easy to operate.

LEDEL industrial luminaires application areas are industrial facilities, logistics complexes, warehouses, gas stations, sports and trade facilities.



Shopping center  
Ust-Kamenogorsk, Russia



Industrial facility  
Kazan, Russia



Sports complex, swimming pool  
Arkhangelsk, Russia

# L-trade 16

Industrial lighting




  
**15 W**  
Power consumption

  
**1 507 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP54**  
Ingress protection rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

L-trade 16 is a universal LED lighting intended for commercial lighting, industrial buildings, logistics centers, malls, sports facilities, etc.

## Design

### Body

All-metal aluminum body of light is made by extrusion method. The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.

### Driver

Patented driver protects the lamp from voltage surges (up to 1 000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### OSRAM LEDs

Designed for indoor lighting highly effective OSRAM LEDs have CRI = 85.

### NOVATTRO PRISM®

Acrylic light diffusing glass NOVATTRO PRISM® provides a soft and uniform light on the surface.



Industrial area  
Chelyabinsk, Russia

## Mounting

L-trade 16 has three mounting options: surface, suspension and swivel mountings. The basic version is equipped with surface mounting. Suspension and swivel mounting kits must be ordered separately.

# L-trade 16

Industrial lighting

## Modifications

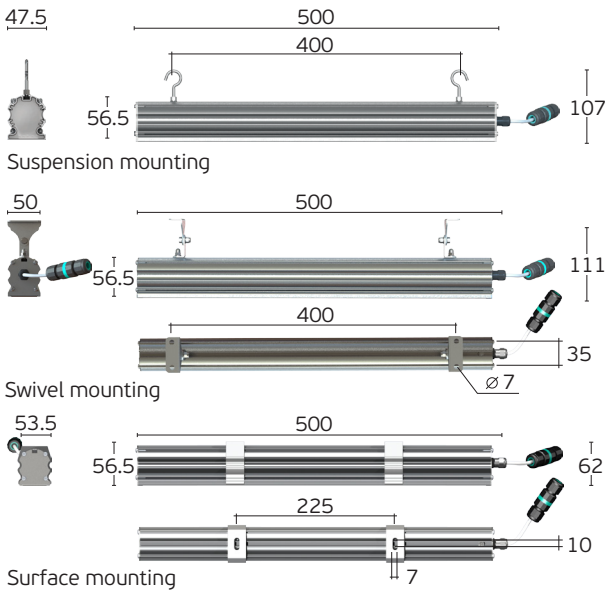
Lighting	L-trade 16
Light distribution diagram	FWHM 90°
Total luminous flux, lm	1507

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

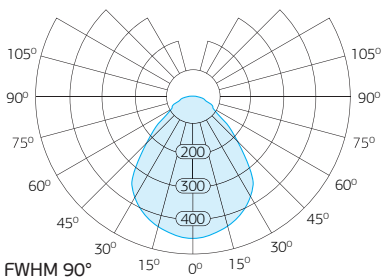
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	15		
Total luminous flux, lm	1507		
Color temperature, K	4000, 5000		
Colour rendering index	85		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	56,5x500x47,5		
Weight, kg	0,9		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 54		

## Overall dimensions



## Light distribution diagram

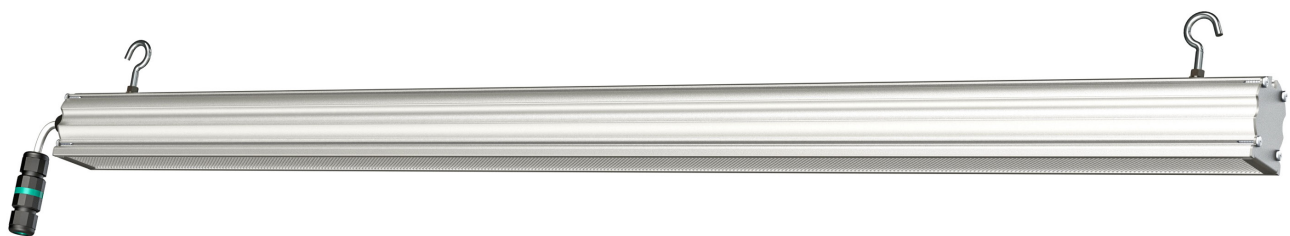
— C0 – C180





# L-trade 32

Industrial lighting




  
**30 W**  
Power  
consumption

  
**3 024 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP54**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

L-trade 32 is a universal LED lighting intended for commercial lighting, industrial buildings, logistics centers, malls, sports facilities, etc.

## Design

### Body

All-metal aluminum body of light is made by extrusion method. The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.

### Driver

Patented driver protects the lamp from voltage surges (up to 1 000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### OSRAM LEDs

Designed for indoor lighting highly effective OSRAM LEDs have CRI = 85.

### NOVATTRO PRISM®

Acrylic light diffusing glass NOVATTRO PRISM® provides a soft and uniform light on the surface.



Mediacenter  
Naberezhnye Chelny,  
Russia

## Mounting

L-trade 32 has three mounting options: surface, suspension and swivel mountings. The basic version is equipped with surface mounting. Suspension and swivel mounting kits must be ordered separately.

# L-trade 32

Industrial lighting

## Modifications

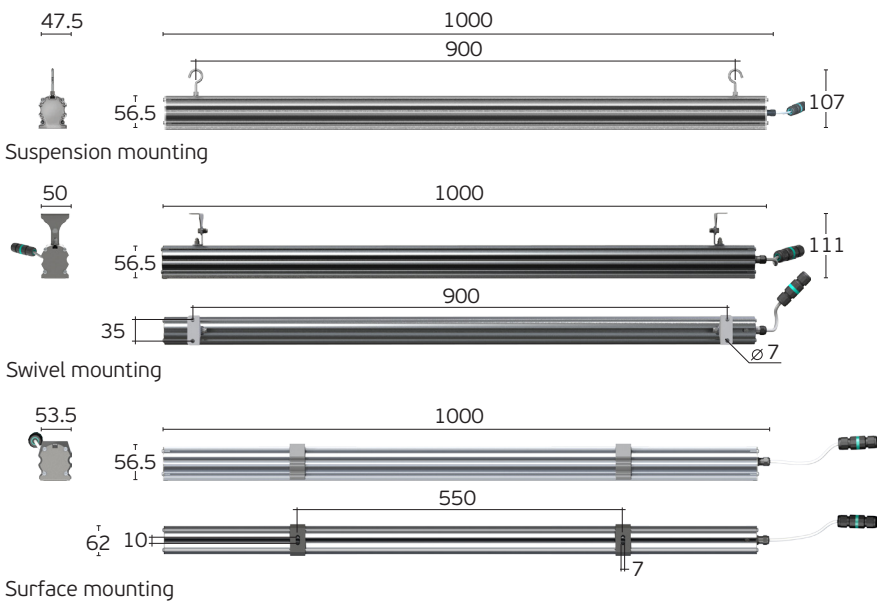
Lighting	L-trade 32
Light distribution diagram	FWHM 90°
Total luminous flux, lm	3024

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

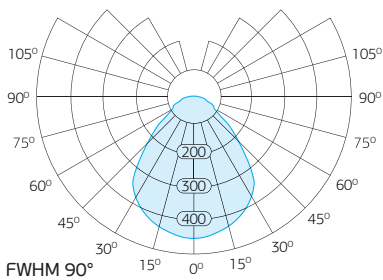
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	30		
Total luminous flux, lm	3024		
Color temperature, K	4000, 5000		
Colour rendering index	85		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	56,5x1000x47,5		
Weight, kg	1,6		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 54		

## Overall dimensions



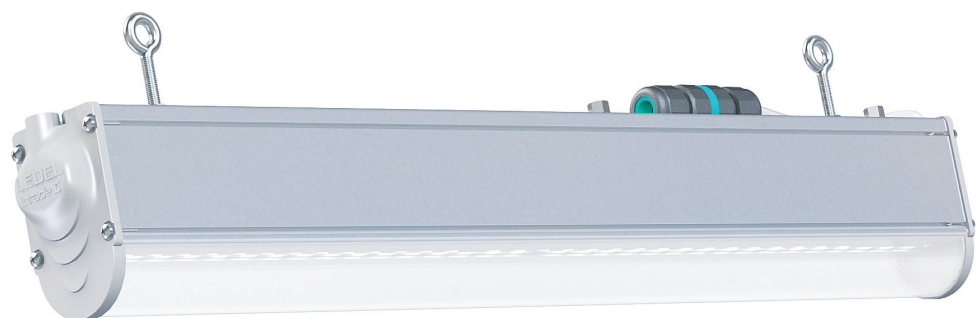
## Light distribution diagram





— C0 – C180



# L-trade II 20

Industrial lightning



					
<b>22 W</b>	<b>2 508-2 574 lm</b>	<b>OSRAM</b>	<b>IP 66</b>	<b>100 000 hours</b>	<b>5 year</b>
Power consumption	Luminous flux	LEDs	Ingress protection rating	Lifetime	Warranty

## Usage

The L-trade II 20 light fixture is a universal LED-light for industrial, commercial, sporting sites, shopping centers, logistic warehouses. Thanks to high ingress protection rating of L-trade II (IP66) indoor and outdoor usages are possible.

## Design

- Body**  
All-metal aluminum body is made by extrusion method. The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.
- Driver**  
A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).
- Optics**  
Secondary optics system allows effective using of L-trade II in depending of illuminated objects' features. Directed and diffused luminous fluxes are optional.

## Mounting

Suspension and swivel mounting.

# L-trade II 20

Industrial lighting

## Modifications

Lighting	L-trade II 20	L-trade II 20
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	2508	2516

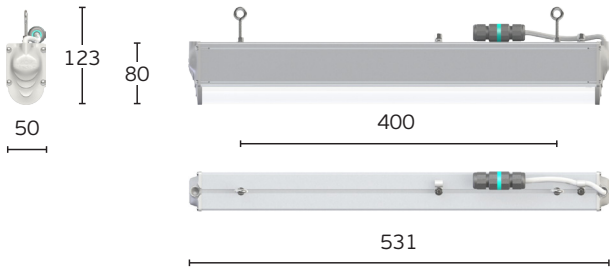
Lighting	L-trade II 20
Light distribution diagram	FWHM 120°
Total luminous flux, lm	2574

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

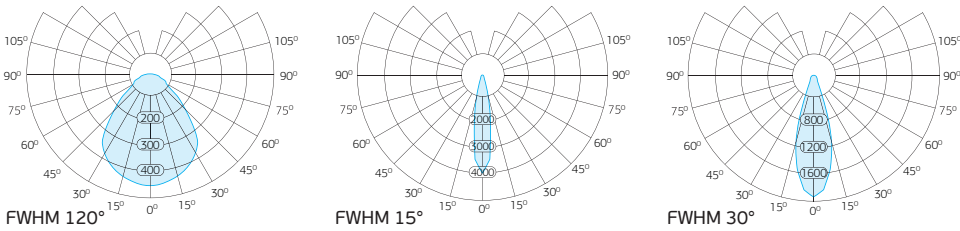
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	22		
Total luminous flux, lm	2508/ 2516/ 2574		
Color temperature, K	4000, 5000		
Colour rendering index	72/ 82		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	123x531x50		
Weight, kg	0,8		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



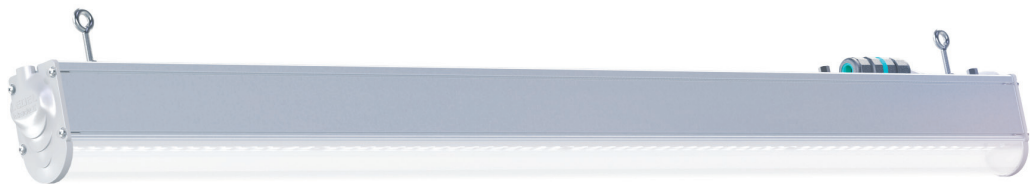
## Light distribution diagram

— C0 – C180



# L-trade II 45

Industrial lightning



**44 W**  
Power  
consumption



**5 017-5 148 lm**  
Luminous flux



**OSRAM**  
LEDs



**IP 66**  
Ingress protection  
rating



**100 000 hours**  
Lifetime



**5 year**  
Warranty

## Usage

The L-trade II 45 light fixture is a universal LED-light for industrial, commercial, sporting sites, shopping centers, logistic warehouses. Thanks to high ingress protection rating of L-trade II (IP66) indoor and outdoor usages are possible.

## Design

**Body**  
All-metal aluminum body is made by extrusion method. The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.

**Driver**  
A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

**Optics**  
Secondary optics system allows effective using of L-trade II in depending of illuminated objects' features. Directed and diffused luminous fluxes are optional.

## Mounting

Suspension and swivel mounting.



# L-trade II 45

Industrial lightning

## Modifications

Lighting	L-trade II 45	L-trade II 45
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	5017	5032

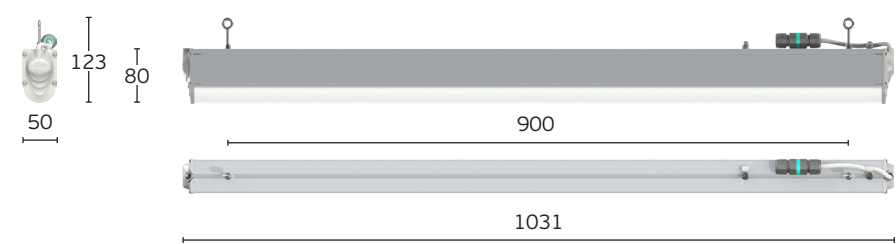
Lighting	L-trade II 45
Light distribution diagram	FWHM 120°
Total luminous flux, lm	5148

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

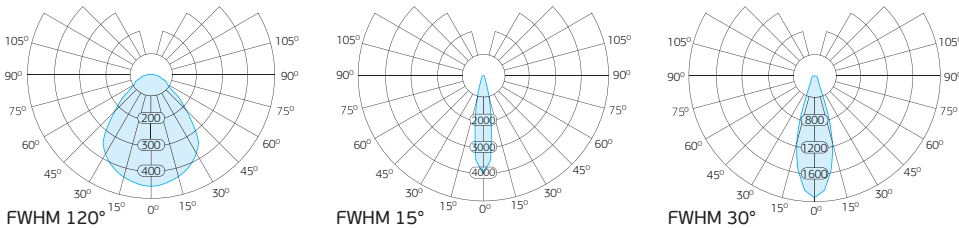
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	44		
Total luminous flux, lm	5017/ 5032/ 5148		
Color temperature, K	4000, 5000		
Colour rendering index	72/ 82		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	123x1031x50		
Weight, kg	1,3		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram







— C0 – C180



# L-trade II 65

Industrial lightning



					
<b>65 W</b>	<b>7 411-7 605 lm</b>	<b>OSRAM</b>	<b>IP 66</b>	<b>100 000 hours</b>	<b>5 year</b>
Power consumption	Luminous flux	LEDs	Ingress protection rating	Lifetime	Warranty

## Usage

The L-trade II 65 light fixture is a universal LED-light for industrial, commercial, sporting sites, shopping centers, logistic warehouses. Thanks to high ingress protection rating of L-trade II (IP66) indoor and outdoor usages are possible.

## Design

**Body**  
All-metal aluminum body is made by extrusion method. The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.

**Driver**  
A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

**Optics**  
Secondary optics system allows effective using of L-trade II in depending of illuminated objects' features. Directed and diffused luminous fluxes are optional.

## Mounting

Suspension and swivel mounting.

# L-trade II 65

Industrial lighting

## Modifications

Lighting	L-trade II 65	L-trade II 65
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	7411	7433

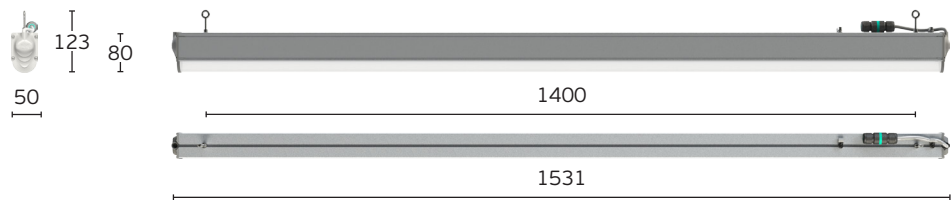
Lighting	L-trade II 65
Light distribution diagram	FWHM 120°
Total luminous flux, lm	7605

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

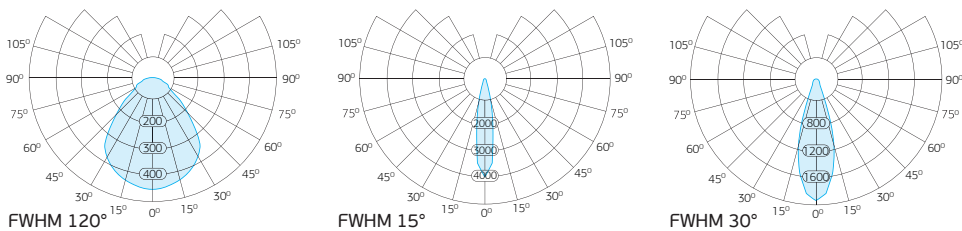
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	65		
Total luminous flux, lm	7411/ 7433/ 7605		
Color temperature, K	4000, 5000		
Colour rendering index	72/ 82		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	123x1531x50		
Weight, kg	1,8		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram

— C0 – C180



# L-trade II 130

Industrial lightning



130 W

Power  
consumption



14 822-15 210 lm

Luminous flux



OSRAM

LEDs



IP 66

Ingress protection  
rating



100 000 hours

Lifetime



5 year

Warranty

## Usage

The L-trade II 130 light fixture is a universal LED-light for industrial, commercial, sporting sites, shopping centers, logistic warehouses.

Thanks to high ingress protection rating of L-trade II (IP66) indoor and outdoor usages are possible.

## Design

**Body**  
All-metal aluminum body is made by extrusion method. The large heat sink area of the aluminum body provides optimum operating temperature of LEDs and electronic components.

**Driver**  
A patented driver protects the lamp from voltage surges (up to 1000 Volts) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

**Optics**  
Secondary optics system allows effective using of L-trade II in depending of illuminated objects' features. Directed and diffused luminous fluxes are optional.

## Mounting

Suspension and swivel mounting.

# L-trade II 130

Industrial lightning

## Modifications

Lighting	L-trade II 130	L-trade II 130
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	14822	14867

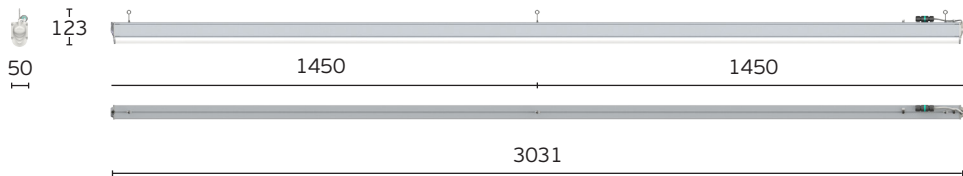
Lighting	L-trade II 130
Light distribution diagram	FWHM 120°
Total luminous flux, lm	15210

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

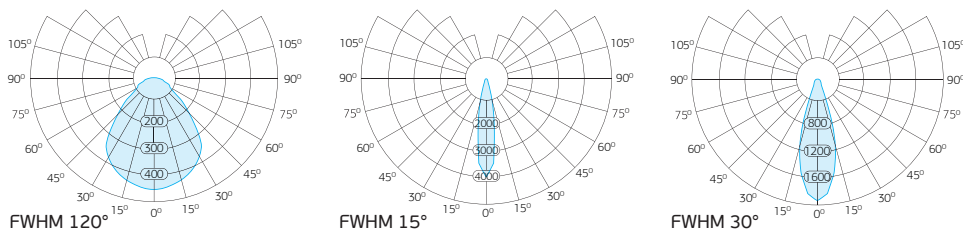
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	130		
Total luminous flux, lm	14822/ 14867/ 15210		
Color temperature, K	4000, 5000		
Colour rendering index	72/ 82		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	123x3031x50		
Weight, kg	3,2		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram


— C0 – C180








  
**94 W**  
Power  
consumption

  
**12 310-12 432 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP65**  
Ingress protection  
rating

  
**100 000 hours**  
Срок службы

  
**5 year**  
Warranty

Usage

L-industry 115 is a universal industrial LED-light fixture, designed for the illumination of industrial sites/venues, warehouses and logistic complexes. L-industry 115 has an original design that makes it acceptable for installation in industrial sites, shopping centers, exhibition halls, sporting grounds.

Design

Body

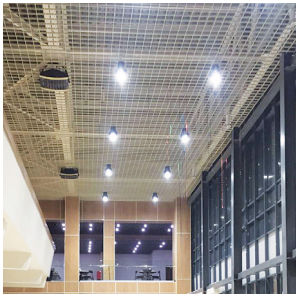
Cast body of the lamp is made of aluminum alloy. The vertical heat sink allowed creating the light fixture two and a half time smaller than others of its kind.

Driver

Patented driver protects the lamp from voltage surges (up to 10 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

LEDs

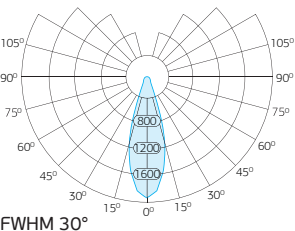
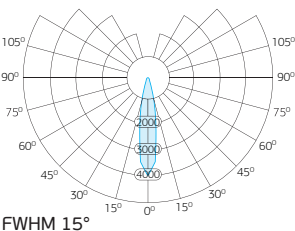
OSRAM LEDs have almost the best performance on the ratio lm/W, durability and reliability.



Shopping center  
Ust-Kamenogorsk, Russia

Light  
distribution  
curves

— C0 – C180



# L-industry 115

Industrial lighting

## Modifications

Lighting	L-industry 115	L-industry 115
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	12432	12398

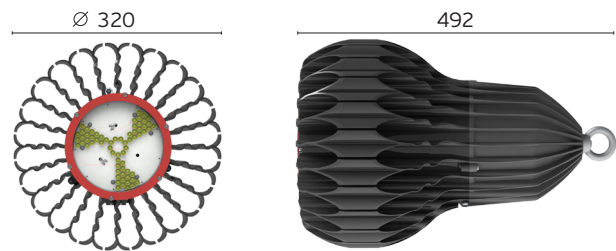
Lighting	L-industry 115	L-industry 115
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	12310	12321

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

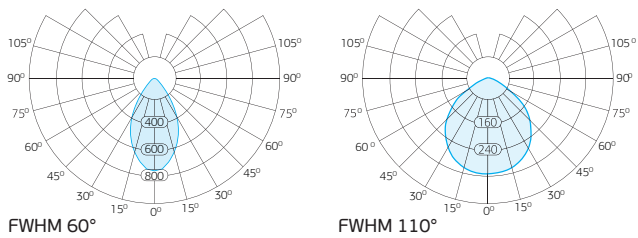
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	94		
Total luminous flux, lm	12310/ 12321/ 12398/ 12432		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	492x320x320		
Weight, kg	8,0		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 65		

## Overall dimensions





## Light distribution curves

— C0 – C180





  
**170 W**  
Power  
consumption

  
**22 120-22 600 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP65**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

Usage

L-industry 230 is a universal industrial LED-light fixture, designed for the illumination of industrial sites/venues, warehouses and logistic complexes. L-industry 115 has an original design that makes it acceptable for installation in industrial sites, shopping centers, exhibition halls, sporting grounds.

Design

Body

Cast body of the lamp is made of aluminum alloy. The vertical heat sink allowed creating the light fixture two and a half time smaller than others of its kind.

Driver

Patented driver protects the lamp from voltage surges (up to 10 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

LEDs

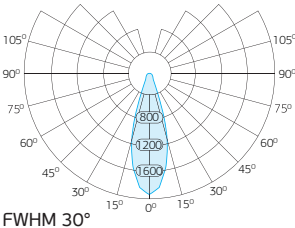
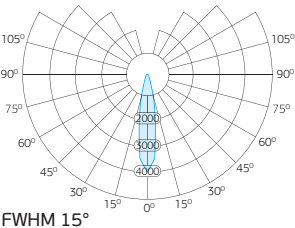
OSRAM LEDs have almost the best performance on the ratio lm/W, durability and reliability.



Logistics center  
Kaluga, Russia

Light  
distribution  
curves

— C0 – C180



# L-industry 230

Industrial lighting

## Modifications

Lighting	L-industry 230	L-industry 230
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	22600	22520

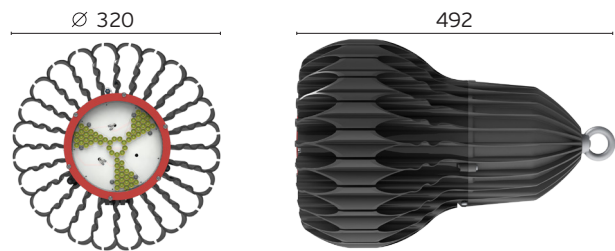
Lighting	L-industry 230	L-industry 230
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	22400	22120

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

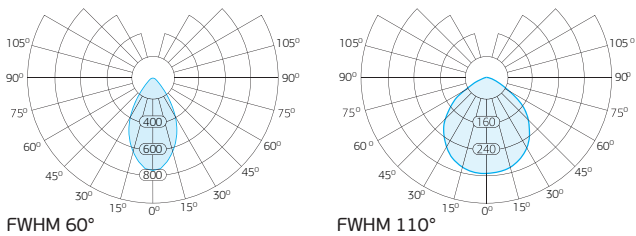
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	170		
Total luminous flux, lm	22120/ 22400/ 22520/ 22600		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	492x320x320		
Weight, kg	8,0		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 65		

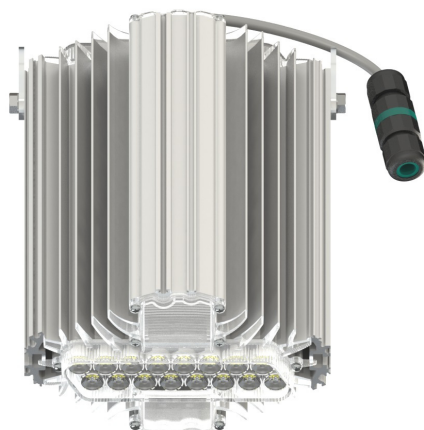
## Overall dimensions




## Light distribution curves

— C0 – C180






  
**45 W**  
Power  
consumption

  
**5 851-5 877 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

Usage

The universal modular lighting L-lego 55 is designed for general lighting of industrial facilities, logistics complexes, sports facilities, commercial premises, exhibition pavilions, etc. The modular design of the L-lego luminaire with dovetail grooves makes it possible to assemble lighting installations of various shapes, sizes and power.

Design

**Body**  
The lighting is made of extruded aluminum. Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided.

**Duct system**  
The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

**Driver**  
Patented driver is located in the hermetic part of the case and has a 3-step protection system against voltage surges (up to 2 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

**Optics**  
The glass is made of impact-resistant polycarbonate. Luminaires can optionally be equipped with a system of secondary optics (15°, 30°, 60°), allowing as necessary to direct the luminous flux on the illuminated surface.

**OSRAM LEDs**  
OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.



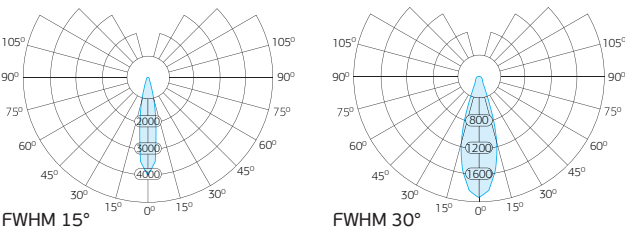
Industrial facility  
Elabuga, Russia

Mounting

Suspension mounting.

Light  
distribution  
diagram

— C0 – C180





# L-lego 55

Industrial lighting

## Modifications

Lighting	L-lego 55	L-lego 55
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	5877	5862

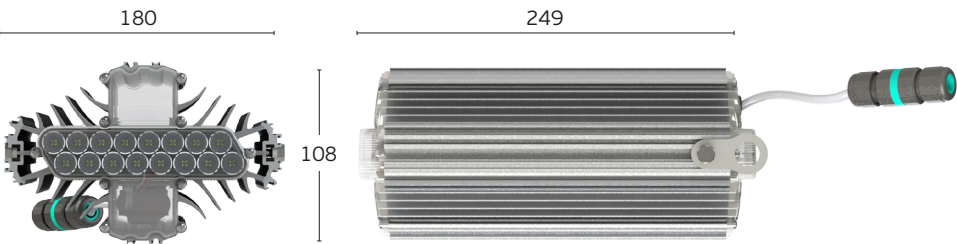
Lighting	L-lego 55	L-lego 55
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	5851	5851

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

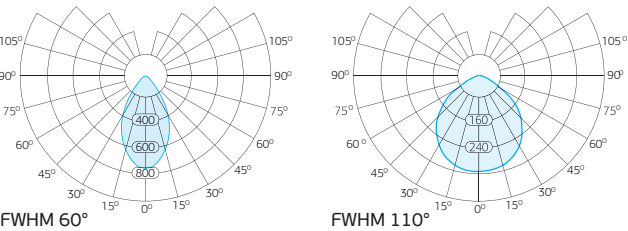
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	45		
Total luminous flux, lm	5851/ 5851/ 5862/ 5877		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 10		
Overall dimensions, HLW, mm	108x249x180		
Weight, kg	2,9		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions




## Light distribution diagram


— CO – C180





  
**90 W**  
Power  
consumption

  
**11 702-11 754 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

The universal modular lighting L-lego 110 is designed for general lighting of industrial facilities, logistics complexes, sports facilities, commercial premises, exhibition pavilions, etc. The modular design of the L-lego luminaire with dovetail grooves makes it possible to assemble lighting installations of various shapes, sizes and power.

## Design

### Body

The lighting is made of extruded aluminum. Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided.

### Duct system

The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

### Driver

Patented driver is located in the hermetic part of the case and has a 3-step protection system against voltage surges (up to 2 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### Optics

The glass is made of impact-resistant polycarbonate. Luminaires can optionally be equipped with a system of secondary optics (15°, 30°, 60°), allowing as necessary to direct the luminous flux on the illuminated surface.

### OSRAM LEDs

OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.



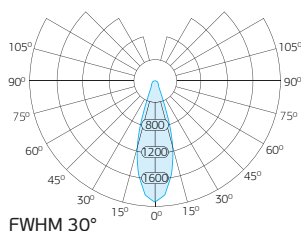
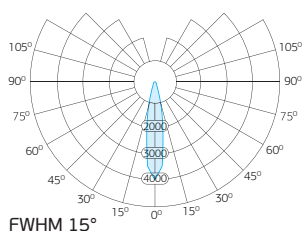
Logistics complex  
Cheboksary, Russia

## Mounting

Suspension mounting.

## Light distribution diagram

— C0 - C180



# L-lego 110

Industrial lighting

## Modifications

Lighting	L-lego 110	L-lego 110
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	11754	11724

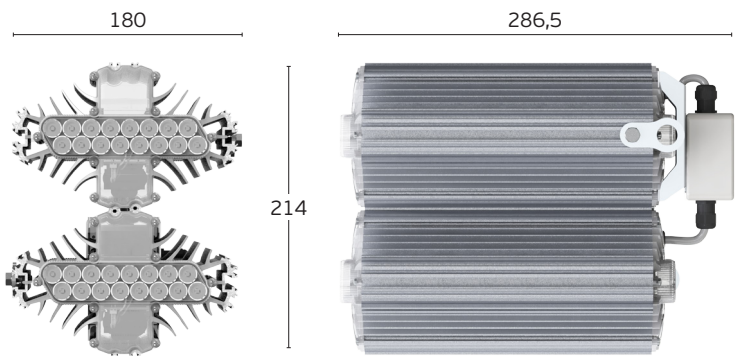
Lighting	L-lego 110	L-lego 110
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	11702	11702

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

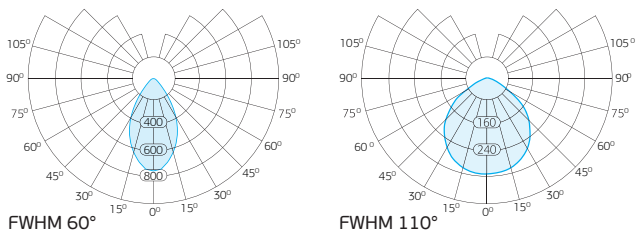
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	90		
Total luminous flux, lm	11702/ 11702/ 11724/ 11754		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 10		
Overall dimensions, HLW, mm	214x286,5x180		
Weight, kg	5,6		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram


— C0 – C180




# L-lego 165

Industrial lighting




  
**135 W**  
Power consumption

  
**17 553-17 632 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP66**  
Ingress protection rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

The universal modular lighting L-lego 165 is designed for general lighting of industrial facilities, logistics complexes, sports facilities, commercial premises, exhibition pavilions, etc.

The modular design of the L-lego luminaire with dovetail grooves makes it possible to assemble lighting installations of various shapes, sizes and power.

## Design

### Body

The lighting is made of extruded aluminum. Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided.

### Duct system

The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

### Driver

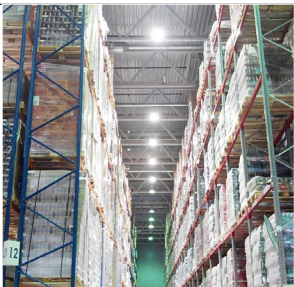
Patented driver is located in the hermetic part of the case and has a 3-step protection system against voltage surges (up to 2 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### Optics

The glass is made of impact-resistant polycarbonate. Luminaires can optionally be equipped with a system of secondary optics (15°, 30°, 60°), allowing as necessary to direct the luminous flux on the illuminated surface.

### OSRAM LEDs

OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.



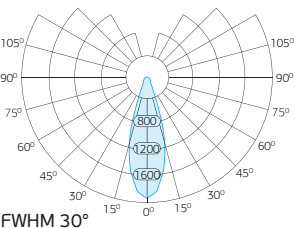
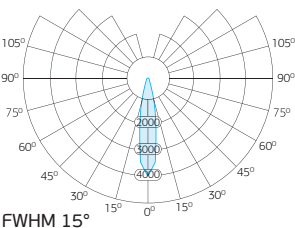
Logistics complex  
Voronezh, Russia

## Mounting

Suspension mounting.

## Light distribution diagram

— C0 – C180



# L-lego 165

Industrial lighting

## Modifications

Lighting	L-lego 165	L-lego 165
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	17632	17585

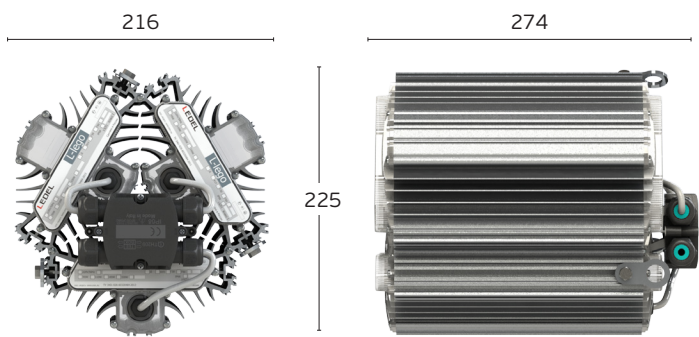
Lighting	L-lego 165	L-lego 165
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	17554	17553

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

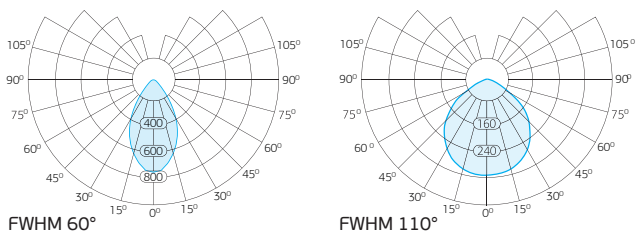
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	135		
Total luminous flux, lm	17553/ 17554/ 17585/ 17632		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 10		
Overall dimensions, HLW, mm	227x274x216		
Weight, kg	8,7		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram

— C0 – C180







# L-lego 220

Industrial lighting



  
**178 W**  
Power  
consumption

  
**23 142-23 288 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

The universal modular lighting L-lego 220 is designed for general lighting of industrial facilities, logistics complexes, sports facilities, commercial premises, exhibition pavilions, etc. The modular design of the L-lego luminaire with dovetail grooves makes it possible to assemble lighting installations of various shapes, sizes and power.

## Design

### Body

The lighting is made of extruded aluminum. Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided.

### Duct system

The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

### Driver

Patented driver is located in the hermetic part of the case and has a 3-step protection system against voltage surges (up to 2 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### Optics

The glass is made of impact-resistant polycarbonate. Luminaires can optionally be equipped with a system of secondary optics (15°, 30°, 60°), allowing as necessary to direct the luminous flux on the illuminated surface.

### OSRAM LEDs

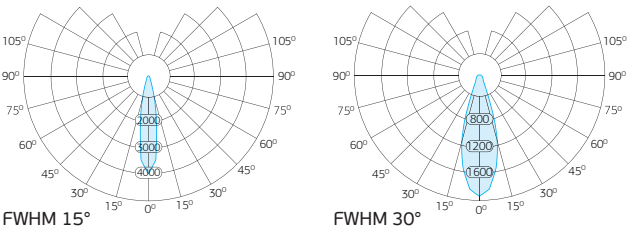
OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.

## Mounting

Suspension mounting.

## Light distribution diagram

— CO – C180



# L-lego 220

Industrial lighting

## Modifications

Lighting	L-lego 220	L-lego 220
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	23288	23226

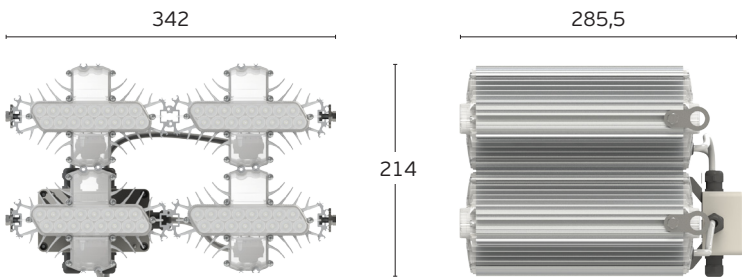
Lighting	L-lego 220	L-lego 220
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	23184	23142

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

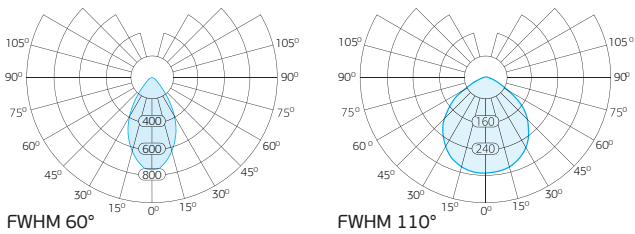
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	178		
Total luminous flux, lm	23142/ 23184/ 23226/ 23288		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver’s power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 10		
Overall dimensions, HLW, mm	285,5x342x214		
Weight, kg	11,7		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



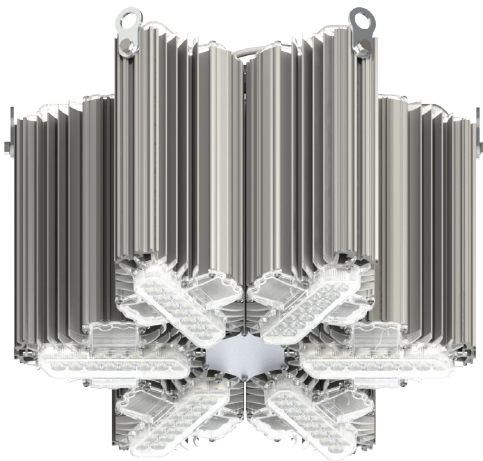
## Light distribution diagram

— CO – C180




# L-lego 330

Industrial lighting



  
**270 W**  
Power  
consumption

  
**35 107-35 263 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

The universal modular lighting L-lego 330 is designed for general lighting of industrial facilities, logistics complexes, sports facilities, commercial premises, exhibition pavilions, etc. The modular design of the L-lego luminaire with dovetail grooves makes it possible to assemble lighting installations of various shapes, sizes and power.

## Design

### Body

The lighting is made of extruded aluminum. Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided.

### Duct system

The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

### Driver

Patented driver is located in the hermetic part of the case and has a 3-step protection system against voltage surges (up to 2 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### Optics

The glass is made of impact-resistant polycarbonate. Luminaires can optionally be equipped with a system of secondary optics (15°, 30°, 60°), allowing as necessary to direct the luminous flux on the illuminated surface.

### OSRAM LEDs

OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.



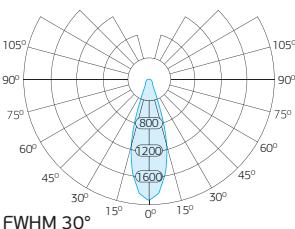
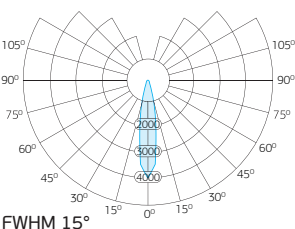
Dockyard  
Severodvinsk, Russia

## Mounting

Suspension mounting.

## Light distribution diagram

— C0 – C180



# L-lego 330

Industrial lighting

## Modifications

Lighting	L-lego 330	L-lego 330
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	35263	35171

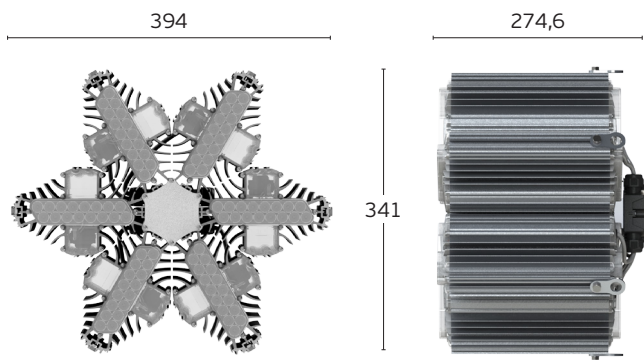
Lighting	L-lego 330	L-lego 330
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	35107	35110

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

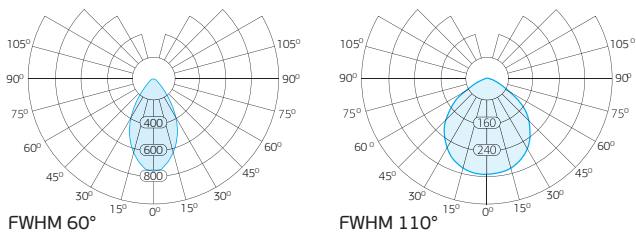
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	270		
Total luminous flux, lm	35107/ 35110/ 35171/ 35263		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver’s power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 10		
Overall dimensions, HLW, mm	341x394x274,6		
Weight, kg	21		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram

— C0 – C180




# L-lego 500

Industrial lighting



  
**425 W**  
Power  
consumption

  
**55 396-55 743 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

The universal modular lighting L-lego 500 is designed for general lighting of industrial facilities, logistics complexes, sports facilities, commercial premises, exhibition pavilions, etc. The modular design of the L-lego luminaire with dovetail grooves makes it possible to assemble lighting installations of various shapes, sizes and power.

## Design

### Body

The lighting is made of extruded aluminum. Due to the patented housing with vertical half-closed cooling channels, effective heat removal is provided.

### Duct system

The design of the channels does not allow the accumulation of dust, which eliminates the need for periodic cleaning of the luminaire.

### Driver

Patented driver is located in the hermetic part of the case and has a 3-step protection system against voltage surges (up to 2 kV) and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

### Optics

The glass is made of impact-resistant polycarbonate. Luminaires can optionally be equipped with a system of secondary optics (15°, 30°, 60°), allowing as necessary to direct the luminous flux on the illuminated surface.

### OSRAM LEDs

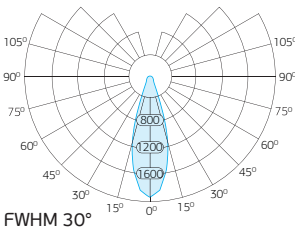
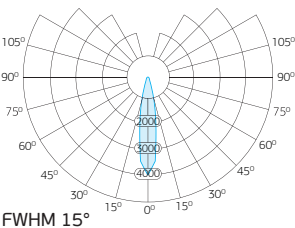
OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.

## Mounting

Suspension mounting.

## Light distribution diagram

— CO – C180





# L-lego 500

Industrial lighting

## Modifications

Lighting	L-lego 500	L-lego 500
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	55743	55597

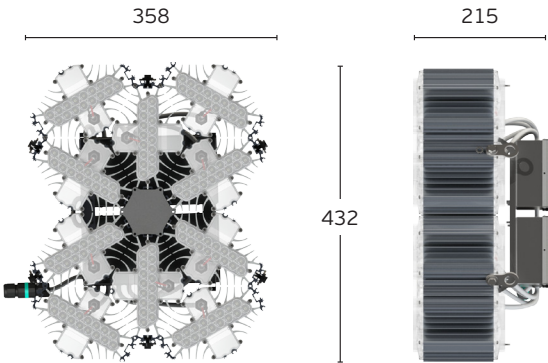
Lighting	L-lego 500	L-lego 500
Light distribution diagram	FWHM 60°	FWHM 110°
Total luminous flux, lm	55496	55396

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

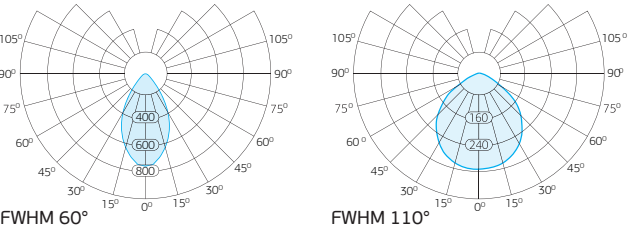
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	425		
Total luminous flux, lm	55396/ 55496/ 55597/ 55743		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,95		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	215x432x358		
Weight, kg	16,6		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram


— C0 – C180




# L-industry 30 Turbine

Industrial lightning




  
**25 W**  
Power  
consumption

  
**3 300-3 324 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP 66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

New generation of industrial lightning is presented by L-industry 30 Turbine. It is a universal LED-light for industrial, commercial, sporting sites, shopping centers, logistic warehouses and decorative lightning.

Thanks to high ingress protection rating of L-industry Turbine (IP66) indoor and outdoor usages are possible.

## Design

### Body

All-metal aluminum body is made by extrusion method. It has special sites to enhance natural convection that help to reduce lighting's weight and ensure optimal temperature operating mode for LEDs and electronic components.

### Driver

Proprietary driver is located in the hermetic part of lighting's body and protected from voltage surges and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

Double-conversion guarantees absence of pulsation for output current and luminous flux and protects driver from short circuit and hot swapping.

### Optics

The glass is made of impact-resistant polycarbonate.

### OSRAM LEDs

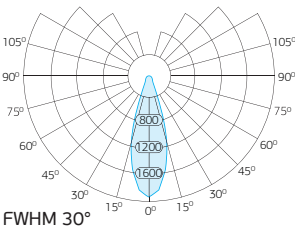
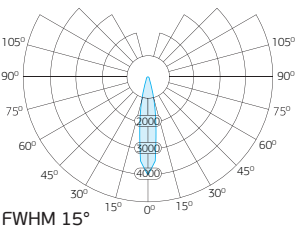
OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.

## Mounting

Suspension and swivel mounting.

## Light distribution diagram

— C0 – C180



# L-industry 30 Turbine

Industrial lightning

## Modifications

Lighting	L-industry 30 Turbine	L-industry 30 Turbine
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	3312	3330

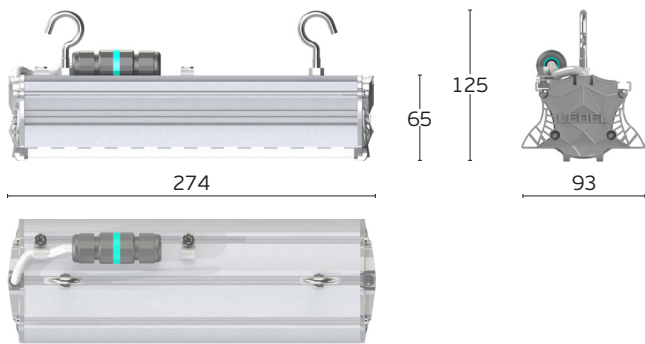
Lighting	L-industry 30 Turbine	L-industry 30 Turbine
Light distribution diagram	FWHM 60°	FWHM 120°
Total luminous flux, lm	3324	3300

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

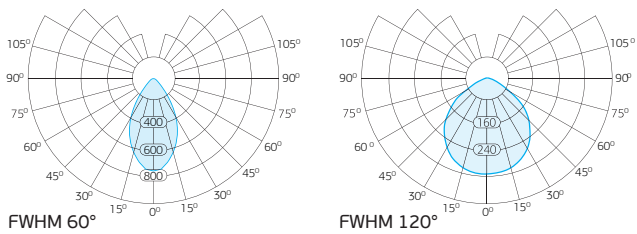
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	25		
Total luminous flux, lm	3300/ 3312/ 3324/ 3330		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,9		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	125x274x93		
Weight, kg	0,7		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram


— C0 – C180




# L-industry 60 Turbine

Industrial lightning




  
**50 W**  
Power  
consumption

  
**6 600-6 648 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP 66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

New generation of industrial lightning is presented by L-industry 60 Turbine. It is a universal LED-light for industrial, commercial, sporting sites, shopping centers, logistic warehouses and decorative lightning.

Thanks to high ingress protection rating of L-industry Turbine (IP66) indoor and outdoor usages are possible.

## Design

### Body

All-metal aluminum body is made by extrusion method. It has special sites to enhance natural convection that help to reduce lighting's weight and ensure optimal temperature operating mode for LEDs and electronic components.

### Driver

Proprietary driver is located in the hermetic part of lighting's body and protected from voltage surges and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

Double-conversion guarantees absence of pulsation for output current and luminous flux and protects driver from short circuit and hot swapping.

### Optics

The glass is made of impact-resistant polycarbonate.

### OSRAM LEDs

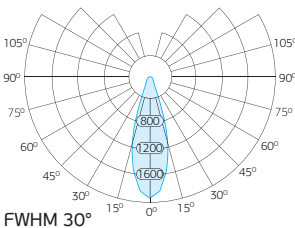
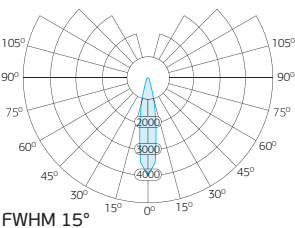
OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.

## Mounting

Suspension and swivel mounting.

## Light distribution diagram

— CO – C180



# L-industry 60 Turbine

Industrial lightning

## Modifications

Lighting	L-industry 60 Turbine	L-industry 60 Turbine
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	6625	6660

Lighting	L-industry 60 Turbine	L-industry 60 Turbine
Light distribution diagram	FWHM 60°	FWHM 120°
Total luminous flux, lm	6648	6600

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

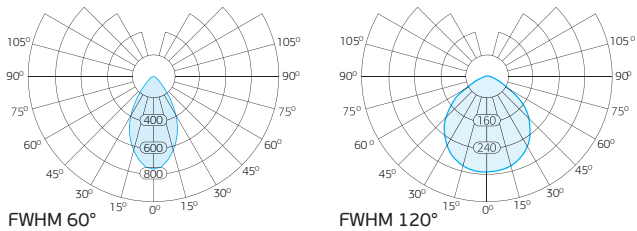
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	50		
Total luminous flux, lm	6600/ 6625/ 6648/ 6660		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,9		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	125x524x93		
Weight, kg	1,3		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram

— C0 – C180







# L-industry 90 Turbine

Industrial lightning




  
**76 W**  
Power  
consumption

  
**9 900-9 990 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP 66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

New generation of industrial lightning is presented by L-industry 90 Turbine. It is a universal LED-light for industrial, commercial, sporting sites, shopping centers, logistic warehouses and decorative lightning.

Thanks to high ingress protection rating of L-industry Turbine (IP66) indoor and outdoor usages are possible.

## Design

### Body

All-metal aluminum body is made by extrusion method. It has special sites to enhance natural convection that help to reduce lighting's weight and ensure optimal temperature operating mode for LEDs and electronic components.

### Driver

Proprietary driver is located in the hermetic part of lighting's body and protected from voltage surges and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

Double-conversion guarantees absence of pulsation for output current and luminous flux and protects driver from short circuit and hot swapping.

### Optics

The glass is made of impact-resistant polycarbonate.

### OSRAM LEDs

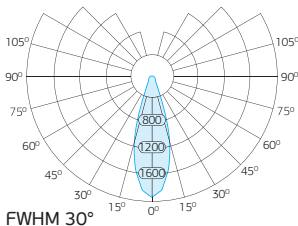
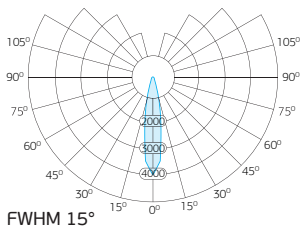
OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.

## Mounting

Suspension and swivel mounting.

## Light distribution diagram

— C0 – C180



# L-industry 90 Turbine

Industrial lightning

## Modifications

Lighting	L-industry 90 Turbine	L-industry 90 Turbine
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	9936	9990

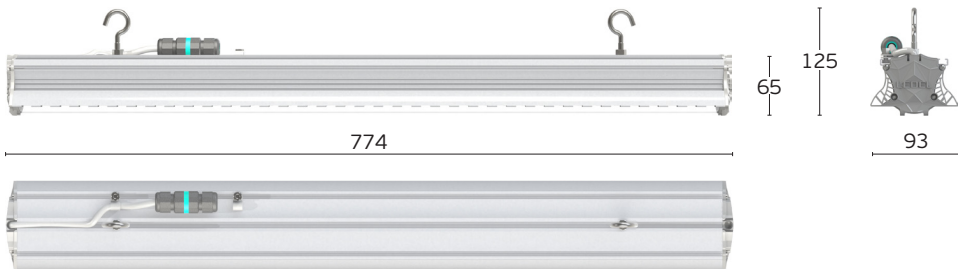
Lighting	L-industry 90 Turbine	L-industry 90 Turbine
Light distribution diagram	FWHM 60°	FWHM 120°
Total luminous flux, lm	9972	9900

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

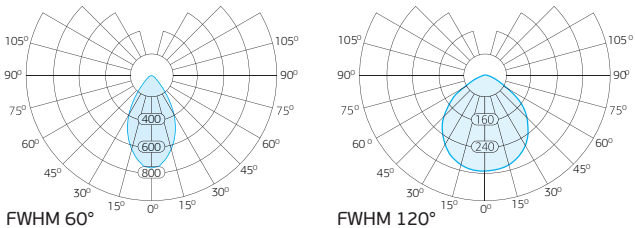
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	76		
Total luminous flux, lm	9900/ 9972/ 9972/ 9990		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver’s power factor, λ	≥ 0,9		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	125x774x93		
Weight, kg	2		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram


— CO – C180




# L-industry 120 Turbine

Industrial lightning




  
**100 W**  
Power  
consumption

  
**13 200-13 320 lm**  
Luminous flux

  
**OSRAM**  
LEDs

  
**IP 66**  
Ingress protection  
rating

  
**100 000 hours**  
Lifetime

  
**5 year**  
Warranty

## Usage

New generation of industrial lightning is presented by L-industry 120 Turbine. It is a universal LED-light for industrial, commercial, sporting sites, shopping centers, logistic warehouses and decorative lightning.

Thanks to high ingress protection rating of L-industry Turbine (IP66) indoor and outdoor usages are possible.

## Design

### Body

All-metal aluminum body is made by extrusion method. It has special sites to enhance natural convection that help to reduce lighting's weight and ensure optimal temperature operating mode for LEDs and electronic components.

### Driver

Proprietary driver is located in the hermetic part of lighting's body and protected from voltage surges and overheating. The driver provides the maximum efficiency and high power factor (greater than 0.95).

Double-conversion guarantees absence of pulsation for output current and luminous flux and protects driver from short circuit and hot swapping.

### Optics

The glass is made of impact-resistant polycarbonate.

### OSRAM LEDs

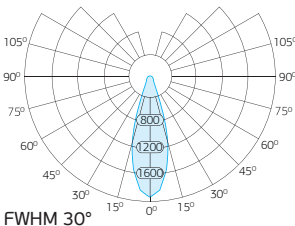
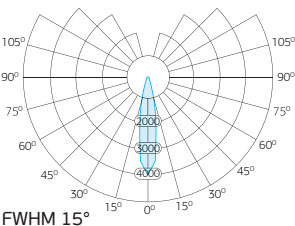
OSRAM LEDs and the optical system of our own design provides the efficiency of the luminous flux of more than 100 lm/W.

## Mounting

Suspension and swivel mounting.

## Light distribution diagram

— C0 – C180



# L-industry 120 Turbine

Industrial lightning

## Modifications

Lighting	L-industry 120 Turbine	L-industry 120 Turbine
Light distribution diagram	FWHM 15°	FWHM 30°
Total luminous flux, lm	13249	13320

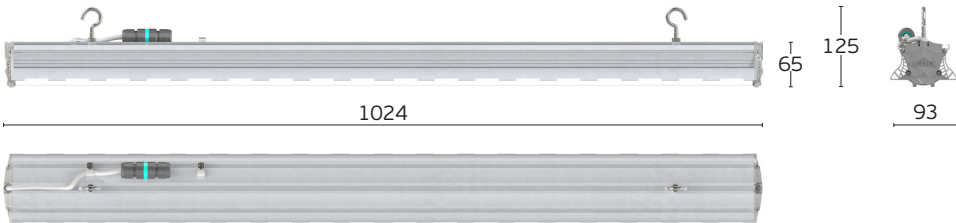
Lighting	L-industry 120 Turbine	L-industry 120 Turbine
Light distribution diagram	FWHM 60°	FWHM 120°
Total luminous flux, lm	13296	13200

## Specification<sup>1</sup>

<sup>1</sup> The manufacturer reserves the right to change characteristics without parameters degradation.

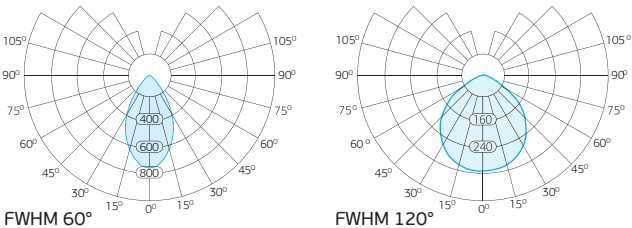
	RU	CE	USA
Voltage AC, V	230	230	120
Voltage DC, V	140-265	180-240	90-150
AC Working voltage, V	200-250	200-250	127-210
Frequency, Hz	50/60		
Power consumption, W	100		
Total luminous flux, lm	13200/ 13249/ 13296/ 13320		
Color temperature, K	4000, 5000		
Colour rendering index	72		
Driver's power factor, λ	≥ 0,9		
Luminous flux ripple factor, %	≤ 1		
Overall dimensions, HLW, mm	125x1024x93		
Weight, kg	2,4		
Operating temperature, °C	From -60 to +40		
Appliance class	I		
Ingress protection rating	IP 66		

## Overall dimensions



## Light distribution diagram

— C0 – C180







## Notes



Please leave your feedback or report inaccuracies via e-mail:  
[press@ledel.ru](mailto:press@ledel.ru)

Sincerely,  
Marketing Department **LEDEL LLC**