

VIZULO

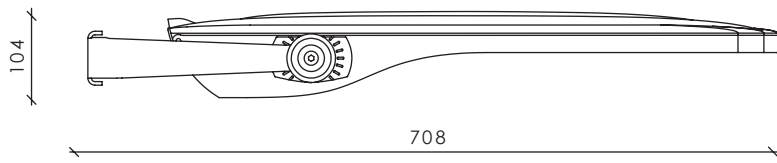
STORK

FLOODLIGHT



# Stork floodlight

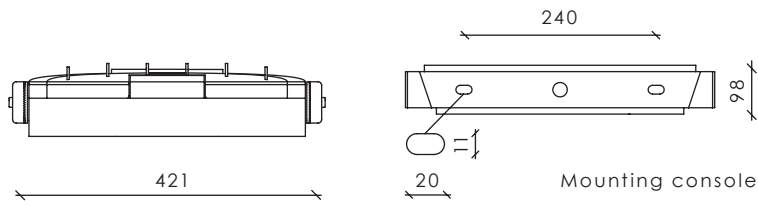




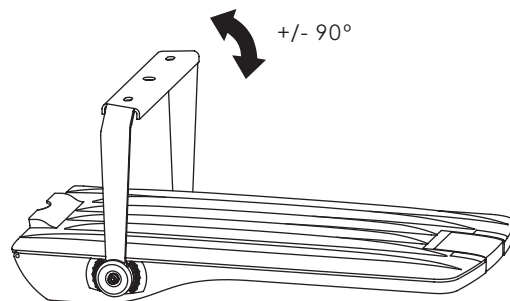
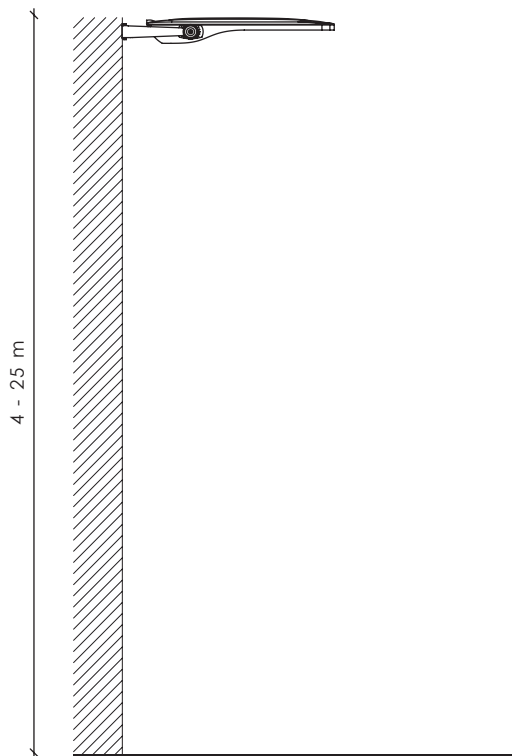
DB703



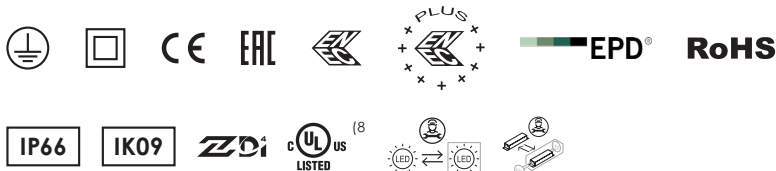
RAL9006



Other colors available on request



## Technical information



<b>V</b>	198 - 264	1 - 10 V; DALI; Midnight dimming
<b>Hz</b>	50 - 60	Chromaticity tolerance (initial MacAdam): 5
<b>W</b>	8 - 280	Radio frequency / Power line <sup>4</sup>
<b>lm</b>	2300 - 34660	Warranty 5 years
<b>lm/W</b>	124 - 142	100 000 h (L80B10C10) <sup>5</sup>
<b>K</b>	3000 / 4000 <sup>1</sup>	100 000 h (L95B10C10) <sup>6</sup>
<b>°C</b>	-40 to +50 <sup>2</sup>	
<b>CRI</b>	>70 / >80 <sup>3</sup>	
		<i>Surge protection:</i> 3; 6; 10 kV (optional) <sup>7</sup>
		<i>Spigot:</i> Floodlight
		<i>Socket:</i> Zhaga / NEMA
		<i>Body:</i> Die-cast aluminium
		<i>Neto weight:</i> 12,26 - 14,30 kg
		<i>Max. wind load area, SCd, m<sup>2</sup>:</i> 0,047

<sup>1</sup> 5000; 5700 K available on request

<sup>2</sup> 240 - 280 W at Ta = -40°C ... +35°C

<sup>3</sup> Luminaries with color rendering index (CRI): Ra > 90 on request

<sup>4</sup> Optional. Available only with DALI ; 1 - 10 V

<sup>5</sup> Average lifetime value for ECO model at Ta = 25 °C is 100 000 h L80/B10\*

<sup>6</sup> Standard / High Power / High Density at Ta = 25 °C, this value is only informative and may change according to selected article

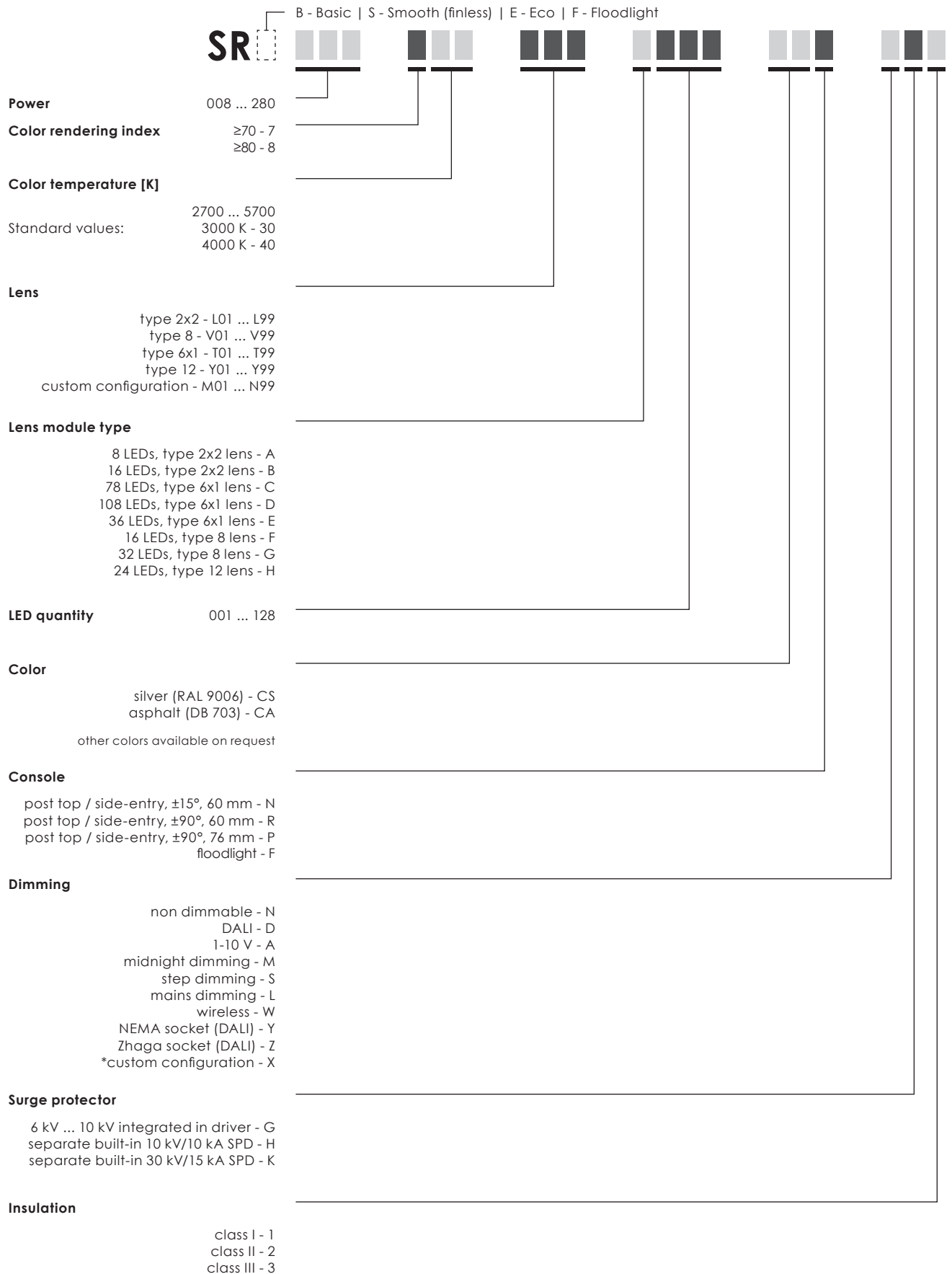
<sup>7</sup> 10 kV ( L-N; L/N-PE ) surge protection device available on request

<sup>8</sup> Coming soon

\*This value is only informative and may change according to selected article. LED Lifetime is strongly depending from LEDs current and junction temperature – increase in LED current and luminaire power lead to increase of junction temperature and as consequence lifetime decrease. Thus, luminaire models with lower power, lower current (and lower junction temperature) will have higher lifetime than standard models and will reach 100 000 h L90/B10. And high power and high current luminaire models may have negative lifetime deviation comparing to standard models. To receive precise value please contact VIZULO export representatives.

Technical parameters for final product can differ from typical data by 7% due to special conditions of LED manufacturing processes

# Model name principles

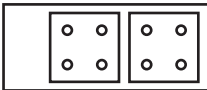
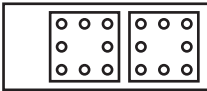
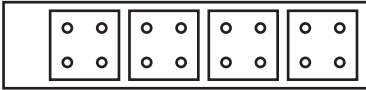
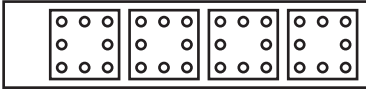


## \* CUSTOM CONFIGURATION EXAMPLE

NEMA socket + Zhaga socket; NEMA socket + Zhaga socket + midnight dimming; etc.  
Custom configuration information is available in order confirmation.

EXAMPLE SRF 250 730 V01 G128 CSN DG1

# LED modules

Type	Max quantity	Min LED quantity	Max LED quantity	Max LED quantity per luminaire	LED step	LED type	Lens type	Layout
A	4	4	8	32	2	Standard Eco	type 2x2 L01...LZ9	 A008
F	4	4	16	64	4	Standard	type 8 V01...VZ9	 F016
B	4	8	16	64	2	Standard Eco	type 2x2 L01...LZ9	 B016
G	4	16	32	128	4	Standard	type 8 V01...VZ9	 G032

# Cable core count

Socket	Dimming	Model number abbreviation	Input cable core count - Class I	Input cable core count - Class II
None	None	N	3	2
None	DALI	D	5	4
None	Midnight dimming	M	3	2
None	Midnight dimming + DALI	R	5	4
None	Step dimming	S	5 <sup>(1)</sup>	4 <sup>(1)</sup>
None	Mains dimming	L	3	2
Zhaga	DALI	Z	3 <sup>(2)</sup>	2 <sup>(2)</sup>
Zhaga	Midnight dimming	X	3	2
Zhaga	Mains dimming	X	3	2
NEMA	DALI	N	3 / 5 <sup>(3)</sup>	2 / 4 <sup>(3)</sup>
NEMA	Midnight dimming	X	3	2
NEMA	Step dimming	X	5 <sup>(1)</sup>	4 <sup>(1)</sup>
NEMA	Mains dimming	X	3	2

<sup>(1)</sup> 1 core unused

<sup>(2)</sup> DALI wires used only for internal connection between driver and Zhaga socket(s)

<sup>(3)</sup> +2 cores for external DALI connection







# Pedestrian crossing optics



<b>V</b>	198 - 264	1 - 10 V; DALI; Midnight dimming
<b>Hz</b>	50 - 60	Chromaticity tolerance (initial MacAdam): 5
<b>W</b>	18 - 137 <sup>(1)</sup> 37 - 280 <sup>(2)</sup>	Radio frequency / Power line <sup>(4)</sup> Warranty 5 years
<b>lm</b>	Up to 17800 <sup>(1)</sup> Up to 32786 <sup>(2)</sup>	100 000 h (L80B10C10) <sup>(5)</sup> 100 000 h (L95B10C10) <sup>(6)</sup>
<b>lm/W</b>	128 -130 <sup>(1)</sup> 124 - 139 <sup>(2)</sup>	
<b>K</b>	3000 / 4000 <sup>(3)</sup>	<i>Surge protection:</i> 3; 6; 10 kV (optional) <sup>(7)</sup>
<b>°C</b>	-40 to +50 <sup>(4)</sup>	<i>Spigot:</i> Floodlight
<b>CRI</b>	>70 / >80 <sup>(5)</sup>	<i>Socket:</i> Zhaga / NEMA
		<i>Body:</i> Die-cast aluminium
		<i>Neto weight:</i> 12,26 - 14,30 kg
		<i>Max. wind load</i>
		<i>area, SCd, m<sup>2</sup>:</i> 0,047

<sup>(1)</sup> Standard modules

<sup>(2)</sup> ECO modules

<sup>(3)</sup> 5000; 5700 K available on request

<sup>(4)</sup> 240 - 280 W at Ta = -40°C ... +35°C

<sup>(5)</sup> Luminaires with color rendering index (CRI): Ra > 90 on request

<sup>(6)</sup> Optional. Available only with DALI ; 1 - 10 V

<sup>(7)</sup> Average lifetime value for ECO model at Ta = 25 °C is 100 000 h L80/B10\*

<sup>(8)</sup> Standard at Ta = 25 °C, this value is only informative and may change according to selected article

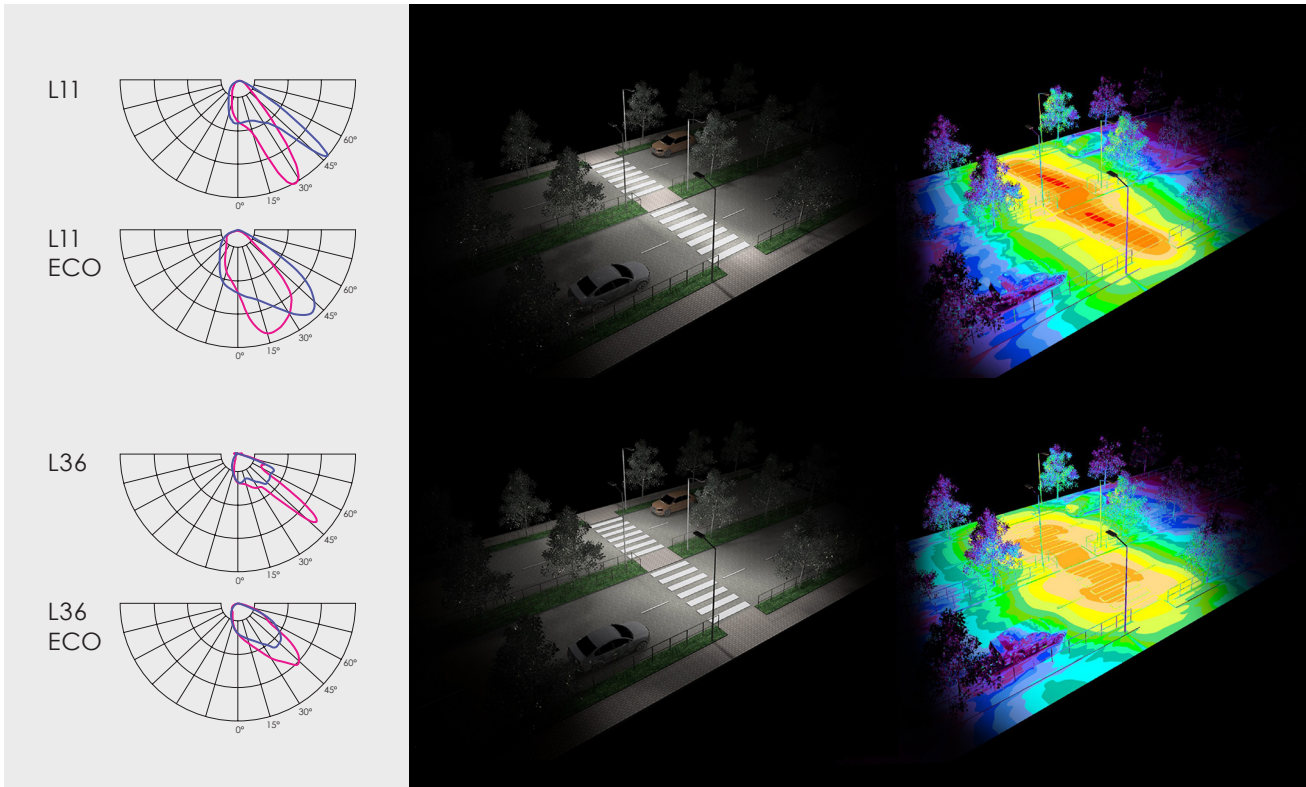
<sup>(9)</sup> 10 kV ( L-N; L/N-PE ) surge protection device available on request

<sup>(10)</sup> Coming soon

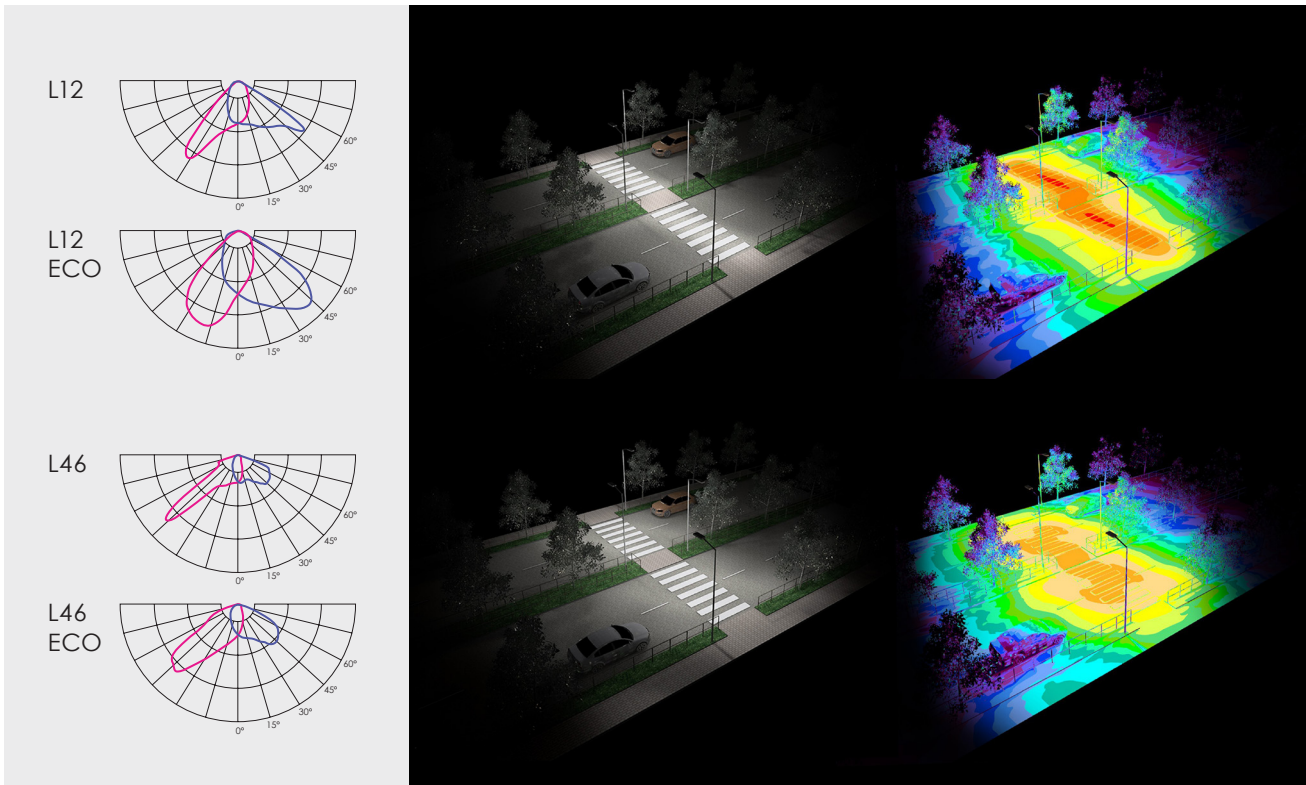
\*This value is only informative and may change according to selected article. LED Lifetime is strongly depending from LEDs current and junction temperature – increase in LED current and luminaire power lead to increase of junction temperature and as consequence lifetime decrease. Thus, luminaire models with lower power, lower current (and lower junction temperature) will have higher lifetime than standard models and will reach 100 000 h L90/B10. And high power and high current luminaire models may have negative lifetime deviation comparing to standard models. To receive precise value please contact VIZULO export representatives.

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## Right side traffic



## Left side traffic



# Backlight cutter

## Backlight cutter | black

Art. 70000661



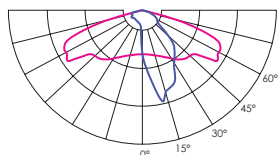
## Backlight cutter | white

Art. 70000662

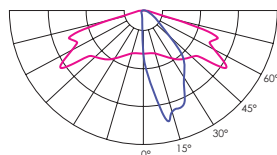


Optical losses from 10% to 31% depending from used optic.

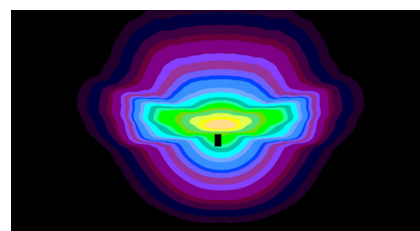
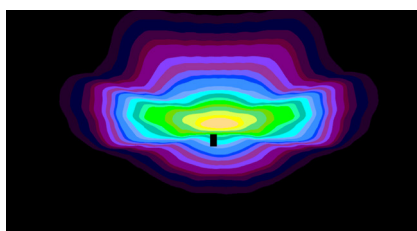
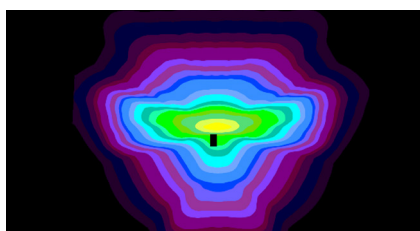
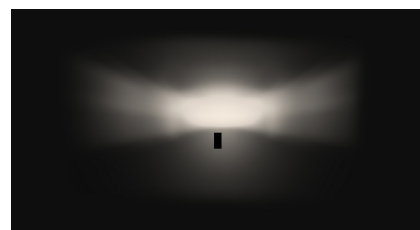
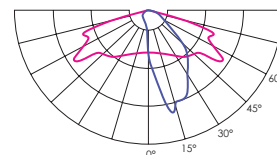
Without backlight cutter



Backlight cutter | black



Backlight cutter | white



# Accessories

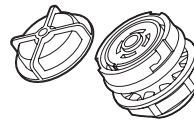
**Zhaga socket no cap**

*Art. 70000612*



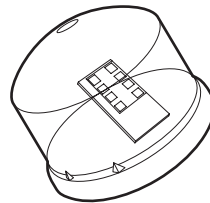
**Zhaga socket with cap**

*Art. 70000613*



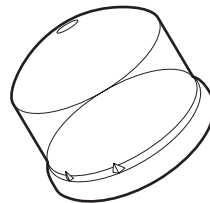
**MSLC205RG Luminaire controller +  
radar, Zhaga, 80 mm**

*Art. 70010027*



**MSLC205RGL Luminaire controller,  
Zhaga, 80 mm**

*Art. 70010029*



# Certification



**CE** – conformity with European Union's health, safety and environmental protection standards.

The CE mark is placed on products to state conformity with the relevant EU health, safety and environmental protection standards. In case of electronic products, the standards are, for example, the Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) directive, Waste Electrical and Electronic Equipment (WEEE) directive, the Electromagnetic Compatibility (EMC) directive etc. The mark ensures that the product can be sold anywhere in the European Economic Area (EEA).



**EAC** - compliance with the regulations of the Eurasian Customs Union

The EAC Mark demonstrates conformity with all technical regulations defined by the Eurasian Customs Union. The conformity is assessed by an accredited independent testing laboratory. The EAC marking is a requirement in order to place a product on the market of Russia and the Eurasian Economic Union.



**ENEC** - compliance with European standards for electrical equipment

The ENEC Mark is the high quality European Mark for electrical equipment. It is governed by the European Testing Inspection Certification System which ensures that the testing of products is conducted at ENEC – accredited laboratories, following additional requirements regarding the testing procedures. The ENEC Mark means that the testing procedure was followed scrupulously and that the consumer can be certain of the product's safety and quality.



**ENEC+** - compliance with European standards for LED – based electronic products

The ENEC+ Mark is the high quality European Mark for LED – based electronic products. It demonstrates the product's compliance with the IEC standards for performance of LED modules and LED based luminaires. The ENEC+ Mark can only be granted to a product that has already acquired the ENEC Mark.

### International EPD System – Environmental Product Declaration available

An Environmental Product Declaration (EPD) is a declaration of the materials, energy, transportation and other resources involved in the production, use and end-of life of a specific product. It is based on a Life Cycle Assessment (LCA) study that complies with standards EN ISO 14040 and EN ISO 14044. A product's EPD can help evaluate its impact on the environment and make sustainable choices.

## RoHS

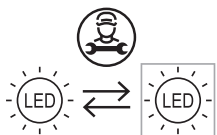
### RoHS – compliance with European Union's RoHS directive

The RoHS (Restriction of Hazardous Substances in Electrical and Electronic Equipment) directive restricts (with exceptions) the use of ten hazardous materials in the manufacture of various types of electronic and electrical equipment. The aim of the directive is to prevent the risks posed to human health and the environment related to the management of electronic and electrical waste.



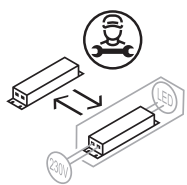
### Zhaga-D4i - compliance with the requirements of Zhaga Book 18 or 20 and DALI standard

The Zhaga-D4i Mark represents the fact that a product is certified following the Zhaga-D4i joint certification program – a program established by Zhaga and the DALI Alliance (DiiA). The Zhaga part of the Mark represents that a product meets the requirements of Zhaga Book 18 or 20 – Zhaga standards that describe a smart interface between outdoor luminaires and sensing/ communication nodes. The DALI Alliance part of the Mark signifies that the product conforms with the DALI standard for intelligent, IoT-ready luminaires.



### LED module replaceable by a professional

This pictogram shows that the LED modules included in the luminaire are only replaceable by a professional. This labeling is a requirement following the introduction of European Union's Regulation on energy labelling for light sources (EU) 2019/2015.



### LED driver replaceable by a professional

This pictogram shows that the LED driver included in the luminaire is only replaceable by a professional. This labeling is a requirement following the introduction of European Union's Regulation on energy labelling for light sources (EU) 2019/2015.

## VIZULO

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VIZULO



VIZULOSOLUTIONS

