

vizULO



Owl



RoHS



**Sports Lighting**

**Airport infrastructure**

**Airport infrastructure**



**Ventilation cable gland**

Pressure equalisation. It ensures high air flow rates as well as high water protection capacity

**Glass**

Flat glass. Glass is fixed to die-cast aluminium frame with metal clips and can easily be replaced

**LED module**

High quality LED's with optimal thermal resistance and energy consumption characteristic, for high lumen output and long expected life time. Color temperature available: 3000K, 4000K  
*(5000K, 5700K available on customer request)*

**Intelligent light control system**

Power line or radio frequency

**Protection**

IP66 for the complete luminaire

**Impact resistance**

IK08 (Vandal protected)  
for the complete luminaire

**Module temperature control**

The LED driver will start reducing the light output when the LED's approach critical temperature. The temperature is measured via a sensor placed on the PCB  
*(function available on customer request)*

**Body**

Die-cast aluminium

**Lighting protection**

Built-in surge protection 10 kV

**Light regulation**

OWL drivers offer integrated midnight dimming and network-controlled 1-10V and DALI protocols

**Opening**

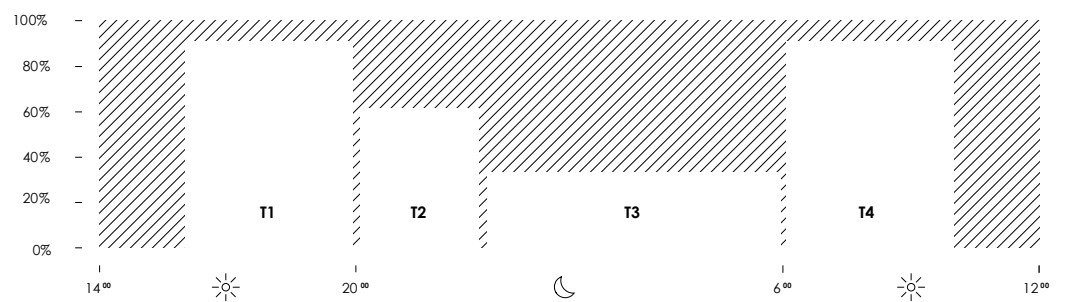
Die-cast aluminium clip for tool-less opening or closing, fixed to the frame with stainless steel spring for easy maintenance





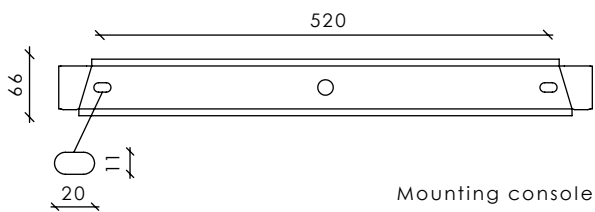
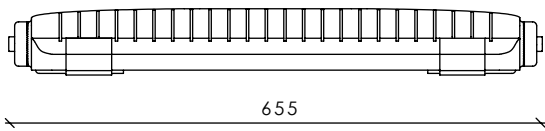
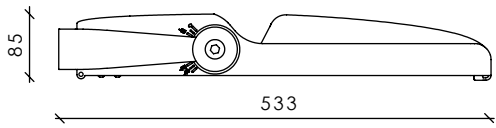
## Midnight dimming

Midnight dimming provides multi-stage night-time power reduction based on an internal timer referenced to the power on/off time. There is no need for an external control infrastructure. The unit automatically performs a dimming profile based on the predefined scheduled reference to the midpoint, which is calculated based on the power on / off times.



# Owl



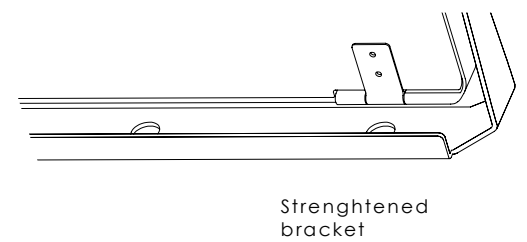
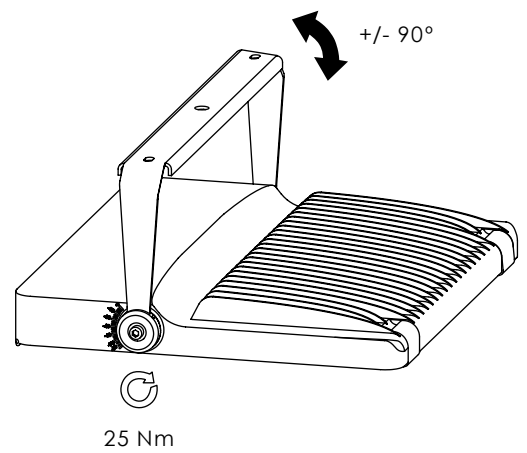
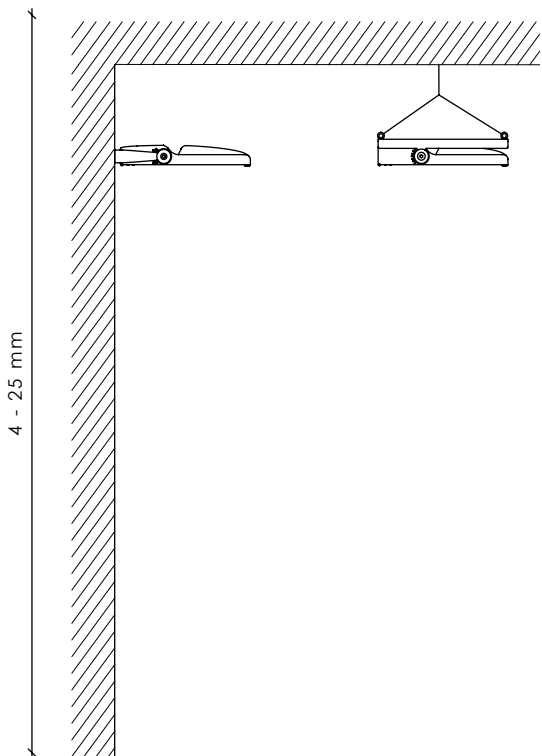


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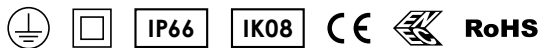


RAL9006

Other colors available on request



## Technical information



<b>V</b>	220 - 240	1-10V; DALI; Midnight dimming
<b>Hz</b>	50 - 60	Chromaticity tolerance (initial MacAdam): 5
<b>W</b>	85 - 380 <sup>(1)</sup> 85 - 340 <sup>(2)</sup>	Warranty 5 years >100 000 h (L95B10) at Ta = 25 °C 100 000h (L80B10C10) <sup>(6)</sup>
<b>lm</b>	11700 - 46200 <sup>(1)</sup> 11700 - 42700 <sup>(2)</sup>	
<b>lm/W</b>	122 - 139	
<b>K</b>	3000 / 4000 / 5000	<i>Surge protection:</i> 3; 6; 10 kV (optional) <sup>(4)</sup>
<b>°C</b>	-40 to +50 <sup>(3)</sup>	10 kV (L/N -PE without DALI connection) <sup>(5)</sup>
<b>CRI</b>	>70 / >80 <sup>(4)</sup>	<i>Body:</i> Die-cast aluminum
		<i>Intelligent light control system:</i> RF (radio frequency) / Power line

(1) Class I

(2) Class II

(3) 340 - 380 W Ta = -40...+45°C

(4) Luminaries with color rendering index (CRI): Ra >90 on request

(5) VIZULO reserves the right to use as standard 6 or 10kV surge protection device

(6) Average lifetime value for ECO model at Ta = 25C is 100 000h L80/B10\*

\*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 000h 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.

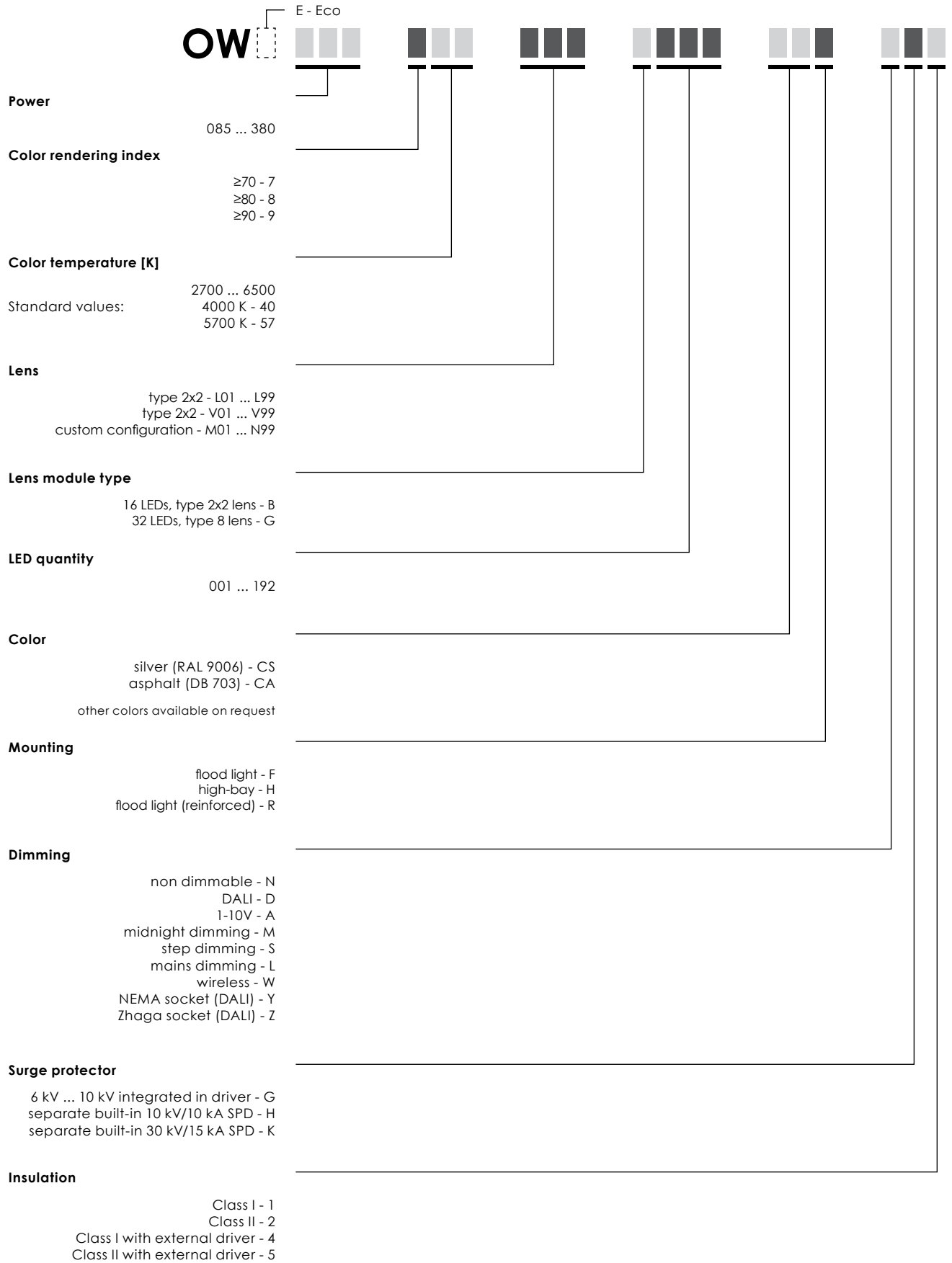
## Standard modules

4000K

<b>Number of LED's</b>	80			96			112			128		
<b>Nominal current, mA</b>	350	500	720	350	500	720	350	520	720	350	500	720
<b>Power, W</b>	85	120	172	104	145	208	121	168	242	140	192	276
<b>Luminous Flux, lm</b>	11795	16017	21561	14190	19098	25855	16592	22229	30157	19164	25460	34539
<b>Efficacy, lm/W</b>	139	133	125	136	132	124	137	132	125	137	133	125
<b>Power factor, PF</b>	0,95	0,97	0,98	0,94	0,97	0,98	0,94	0,97	0,98	0,94	0,96	0,98

<b>Number of LED's</b>	144			160			
<b>Nominal current, mA</b>	350	500	720	350	500	710	780
<b>Power, W</b>	156	215	310	172	240	340	380
<b>Luminous Flux, lm</b>	21484	28608	38833	23834	32032	42710	46200
<b>Efficacy, lm/W</b>	138	133	125	139	133	126	122
<b>Power factor, PF</b>	0,94	0,97	0,98	0,95	0,97	0,98	0,96

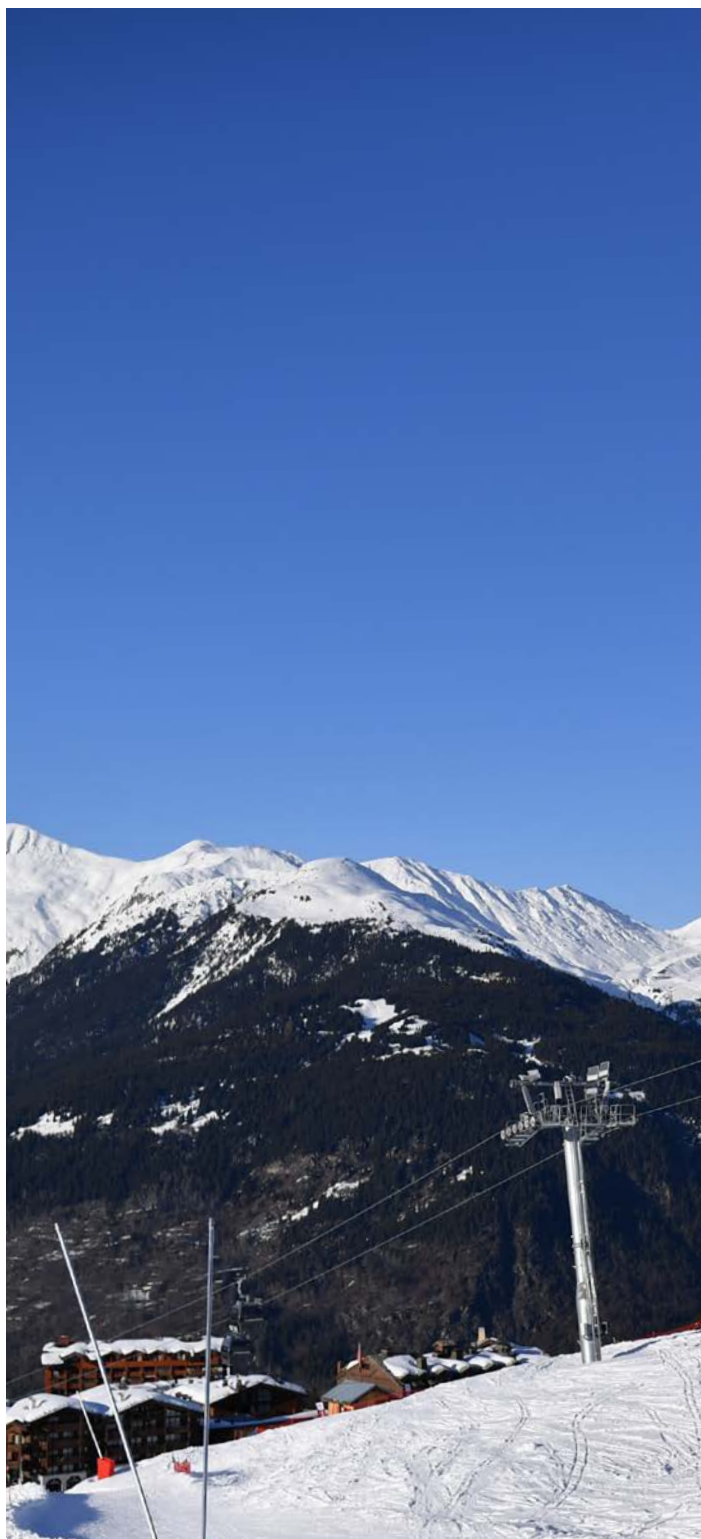
# Model name principles



EXAMPLE OWE 085 730 L01 B048 CSF NG1



Réunion | France



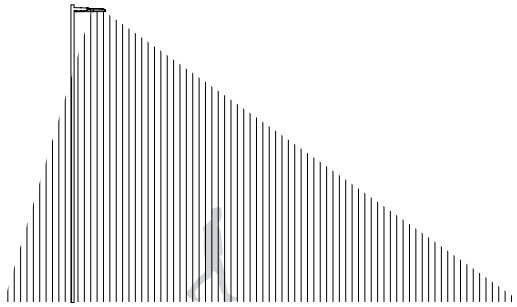




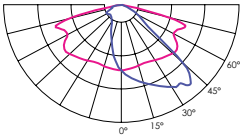
Courchevel | France

# Optics

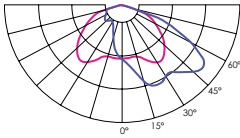
## Asymmetric



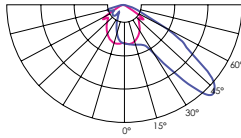
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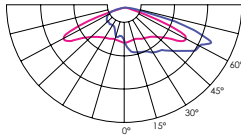
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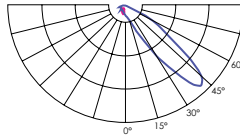
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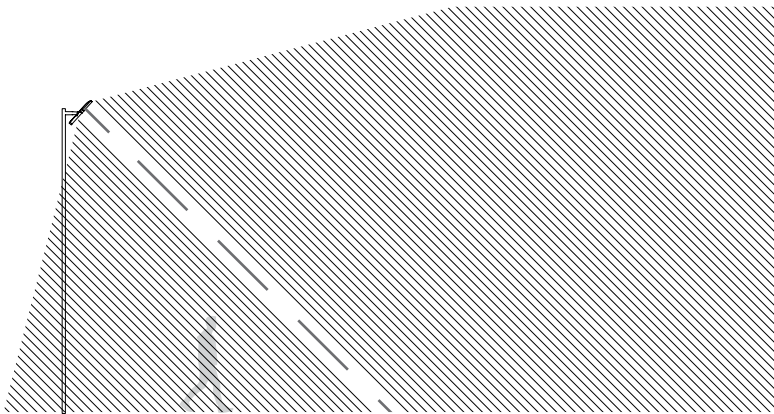
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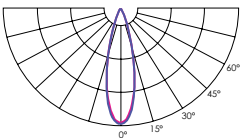
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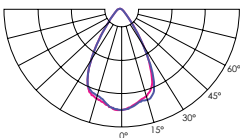
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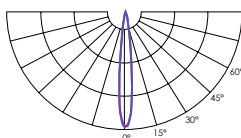
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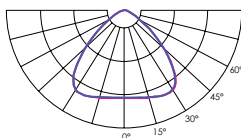
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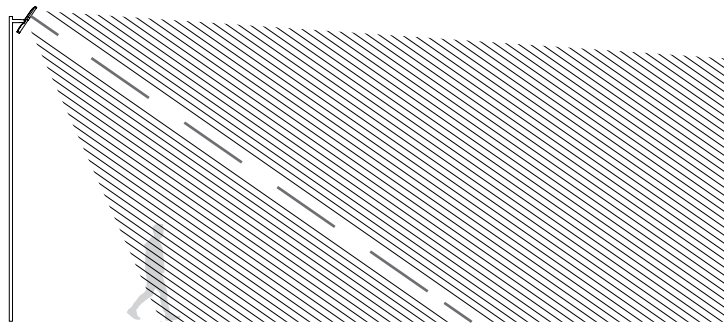
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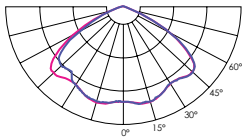
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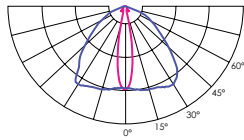
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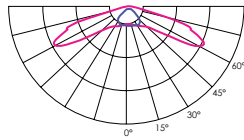
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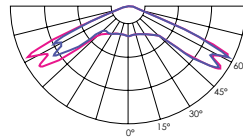
16



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# Accessories

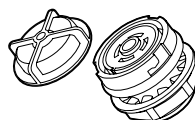
**Zhaga socket no cap**

*Art. 70000612*



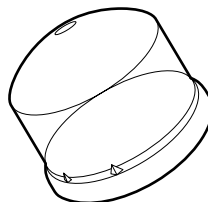
**Zhaga socket with cap**

*Art. 70000613*



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

*Art. 70010029*





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