

VIZULO



OWL

CE RoHS

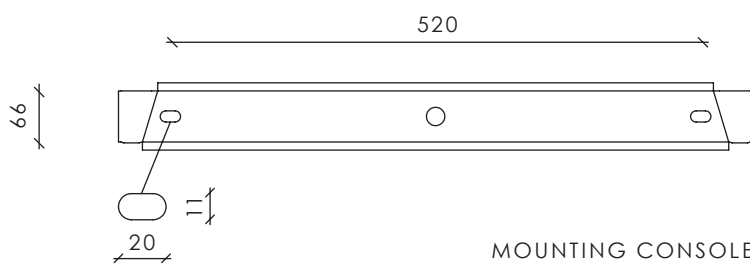
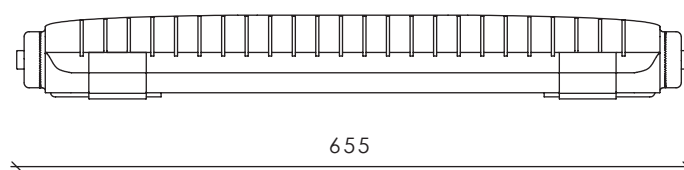
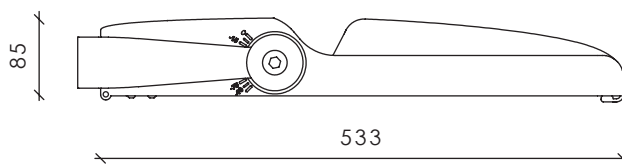


COLOR OPTIONS



OTHER COLORS
AVAILABLE ON REQUEST

DIMENSIONS



TECHNICAL INFORMATION

STANDARD MODULES

Voltage, V	220-240									
Frequency, Hz	50-60									
	4000 K									
Number of LED's	80			96			112			
Nominal current, mA	350	500	720	350	500	720	350	500	720	
Power, W	85	120	172	104	145	208	121	168	242	
Luminous Flux, Lm	12160	16510	22220	14620	19680	26650	17100	22910	31080	
Efficacy, Lm/W	143	138	129	141	136	128	141	136	128	
Power factor, PF	0,95	0,97	0,98	0,94	0,97	0,97	0,94	0,97	0,98	
Color temperature, K	3000/4000 ⁽¹⁾									
Working temperature, °C	-40°C to +50°C ⁽²⁾									
CRI	Ra>70 ⁽³⁾									
Protection class	IP66									
Impact resistance class	IK08									
Safety class	I and II									
Intelligent light control system	Radio frequency ⁽⁴⁾									
Body material	Die-cast aluminum									
Dimming	1-10V, DALI, Midnight dimming									
Surge protection, kV	3; 6; 10 kV (optional) ⁽⁵⁾									
Spigot	Floodlight									
Warranty, years	5									
Neto weight, kg	17,4 - 19									
Service Life, h	100 000 h (L95B10C10) ⁽⁶⁾ 150 000 h (L90B10C10) ^(6,7)									
Max.wind load area, SCd, m²	0,064									
Luminaire efficacy	3000 K	85 - 340 W			11760 - 42600 lm			124 - 138 lm/W		
	4000 K	85 - 340 W			12160 - 44030 lm			128 - 143 lm/W		
	5000 K	85 - 340 W			12160 - 44030 lm			128 - 143 lm/W		

1) 5000; 5700 K available on request

2) 340 - 380 W at Ta = -40°C ... +45°C

3) Luminaires with color rendering index (CRI): Ra > 80 is available according to customers special orders

4) Optional. Available only with DALI ; 1 - 10 V

5) 10 kV (L-N; L/N-PE) surge protection device available on request

6) at Ta=25°C, this value is only informative and may change according to selected article

7) 150 000 h for LED's only, drivers 100 000 h

Last modified
2019, 27 Feb
 Data subject to change

TECHNICAL INFORMATION

STANDARD MODULES

Voltage, V	220-240									
Frequency, Hz	50-60									
	4000 K									
Number of LED's	128			144			160			
Nominal current, mA	350	500	720	350	500	720	350	500	710	
Power, W	140	192	276	156	215	310	172	240	340	
Luminous Flux, Lm	19750	26240	35600	22140	29490	40030	24570	33020	44030	
Efficacy, Lm/W	141	137	129	142	137	129	143	138	130	
Power factor, PF	0,94	0,96	0,98	0,94	0,97	0,98	0,95	0,97	0,98	
Color temperature, K	3000/4000 ⁽¹⁾									
Working temperature, °C	-40°C to +50°C ⁽²⁾									
CRI	Ra>70 ⁽³⁾									
Protection class	IP66									
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6) at Ta=25°C, this value is only informative and may change according to selected article

7) 150 000 h for LED's only, drivers 100 000 h

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TECHNICAL INFORMATION

ECO

Voltage, V	220-240								
Frequency, Hz	50-60								
	4000 K								
Number of LED's	32			48			64		
Nominal current, mA	350	500	700	350	500	700	350	500	700
Power, W	70	100	146	106	152	221	138	200	290
Luminous Flux, Lm	10396	13977	18487	15479	20818	27355	20490	27550	26631
Efficacy, Lm/W	149	140	127	146	137	124	148	138	92
Power factor, PF	0,94	0,97	0,98	0,9	0,95	0,98	0,98	0,97	0,98
Color temperature, K	3000/4000 ⁽¹⁾								
Working temperature, °C	-40°C to +50°C ⁽²⁾								
CRI	Ra>70 ⁽³⁾								
Protection class	IP66								
Impact resistance class	IK08								
Safety class	I and II								
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Body material	Die-cast aluminum								
Dimming	1-10V, DALI, Midnight dimming								
Surge protection, kV	3; 6; 10 kV (optional) ⁽⁵⁾								
Spigot	Floodlight								
Warranty, years	5								
Neto weight, kg	17,4 - 19								
Service Life, h	100 000 h (L80/B10C10) ⁽⁶⁾								
Max.wind load area, SCd, m²	0,064								

1) 5000; 5700 K available on request

2) 340 - 380 W at Ta = -40°C ... +45°C

3) Luminaires with color rendering index (CRI): Ra > 80 or Ar>90 are available according to customers special orders

4) Optional. Available only with DALI ; 1 - 10 V

5) 10 kV (L-N; L/N-PE) surge protection device available on request

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.

Last modified
2019, 15 July
 Data subject to change

TECHNICAL INFORMATION

ECO

Voltage, V	220-240					
Frequency, Hz	50-60					
	4000 K					
Number of LED's	80			110		
Nominal current, mA	350	500	660	350	500	555
Power, W	171	249	336	238	340	380
Luminous Flux, Lm	25397	34101	42223	34769	44235	47440
Efficacy, Lm/W	149	137	126	146	130	125
Power factor, PF	0,96	0,97	0,99	0,94	0,97	0,97
Color temperature, K	3000/4000 ⁽¹⁾					
Working temperature, °C	-40°C to +50°C ⁽²⁾					
CRI	Ra>70 ⁽³⁾					
Protection class	IP66					
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Spigot	Floodlight					
Warranty, years	5					
Neto weight, kg	17,4 - 19					
Service Life, h	100 000 h (L80/B10C10) ⁽⁶⁾					
Max.wind load area, SCd, m²	0,064					

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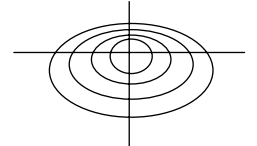
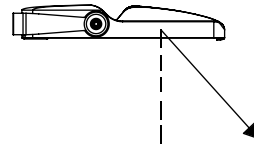
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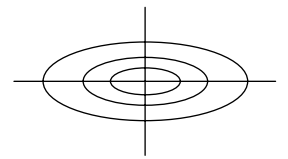
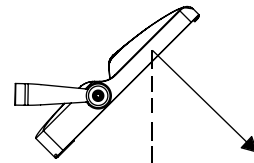
ANGLE PROPOSITION

ASYMMETRIC



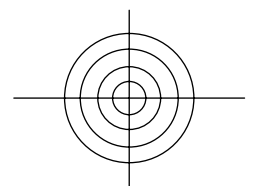
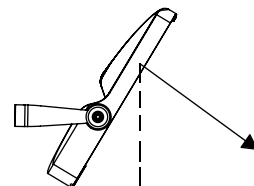
Horizontal installation I_{\max} : $0^\circ - 15^\circ$ to the vertical

SYMMETRIC



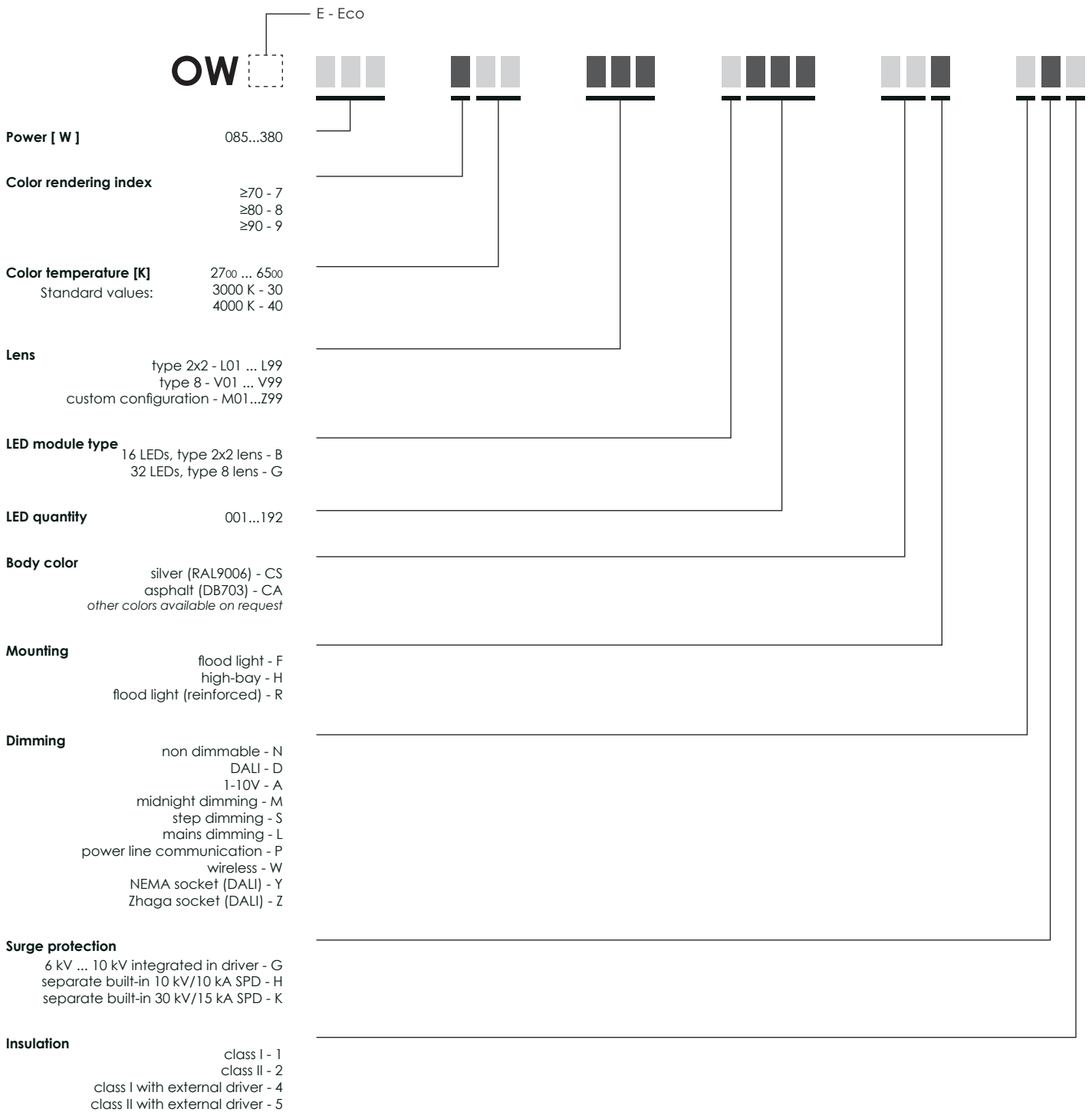
Horizontal installation I_{\max} : $0^\circ - 45^\circ$ to the vertical

ROTSYMMETRIC



Horizontal installation I_{\max} : $15^\circ - 75^\circ$ to the vertical

MODEL NAME PRINCIPLES

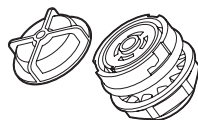


ACCESSORIES



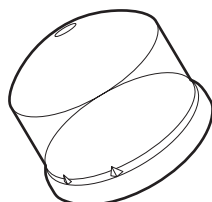
Zhaga socket no cap

Art. 70000612



Zhaga socket with cap

Art. 70000613



MSLC205RGL Luminaire controller, Zhaga, 80mm

Art. 70010029