

## TECHNICAL DATA SHEET

### OLYMPIA M, L, XL

#### Product typology

CUT-OFF LED luminaire for street and urban areas illumination (IP66)

#### Material technical spec

Die-cast aluminum housing and Adjustable top pole-head in die-cast aluminum powder coated RAL7016  
 Special polyester powder coating to ensure over 10 years protection against weathering  
 Flat tempered glass diffuser (4 mm thick)  
 Wiring plate in reinforced thermoplastic black painted  
 Silicone gasket  
 Stainless steel A2 screws

**Colore:** anthracite

#### Lighting technical spec

LED light source in a fixed position  
 High efficiency lens in PMMA or PC material, available in the CP1, RT1, AS1, AS2, AM1 and PP1 versions  
 Immediately ON at 100% of the light flux (soft start at 0,5 seconds)  
 Chip Lumileds®  
 CUT-OFF luminaire conforming to all regional/local laws against light pollution

#### Wiring technical spec

Tool-free simplified maintenance to access the optics  
 Quick connection between driver and optical unit through polarized connector  
 Quick connection between driver and switch through polarized connector  
 Dimmable driver 1-10 V (standard configuration), PWM or virtual midnight reprogrammable  
 Driver with over-temperature protection  
 Luminaire equipped with osmotic valve for air and umidity leakage

#### Installation and maintenance technical spec

Luminaire for direct installation on Ø 55 and 60 mm poles  
 M20 cable gland suitable for Ø 6-12 mm cable  
 No ordinary maintenace needed  
 Fast tool-free extra-maintenance and possibility to replace the optic group and/or the wiring  
 No voltage when opening the luminaire through disconnecting switch  
 Adjustable top pole-head in vertical/horizontal position with adjustable inclination of ±10° (with 5° step)

#### Technical spec

- CRI	>70	- Working voltage	176-305 Vac
- Step McAdam	3		190-250 Vdc
- Lifetime LED	>54.000 h@25°C	- Rated frequency	50/60 Hz
- Lifetime Driver	100.000 h@75°Tp	- IP protection	IP66
- RG	1	- Impact Protection Rating	IK08
- Power factor	>0,975	- Isolation Class	I, II
		- Overvoltage protection	DM6kVA CM10kVA



**OLYMPIA M 15-35 W**



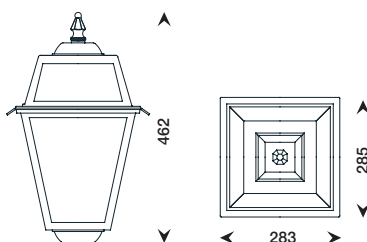
**OLYMPIA L 15-70 W**



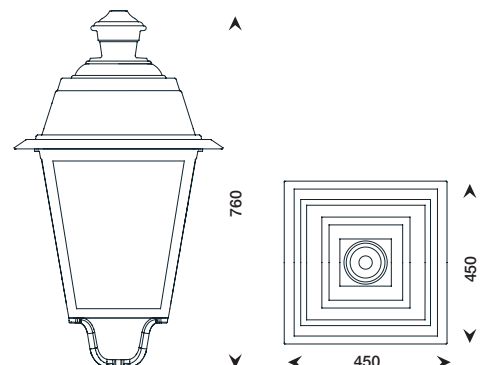
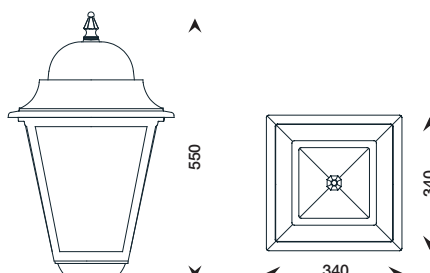
**OLYMPIA XL 15-70 W**

#### OLYMPIA XL (15-70W)

#### OLYMPIA M (15-35W)

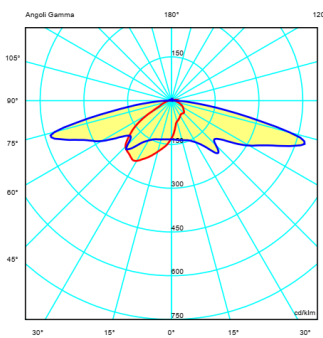


#### OLYMPIA L (15-70W)

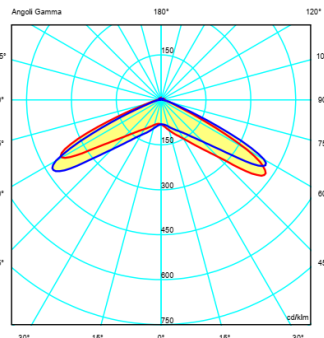


Weight/Dimension	OLYMPIA M 15-30 W	OLYMPIA L 20-50 W	OLYMPIA L 20-70 W
Net weight	- kg	- kg	- kg
Gross weight	- kg	- kg	- kg
Luminaire dimension	285x285x460/462 mm (pole top head configuration)	340x340x550 mm (pole top head configuration)	450x450x760 mm (pole top head configuration)
Packaging dimension	- mm (bracket configuration)	- mm (bracket configuration)	- mm (bracket configuration)

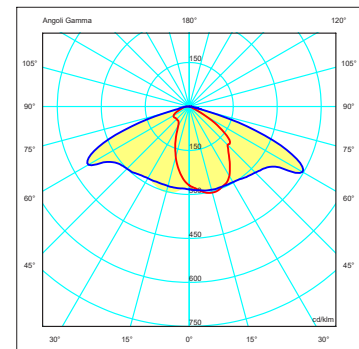
## Lenses



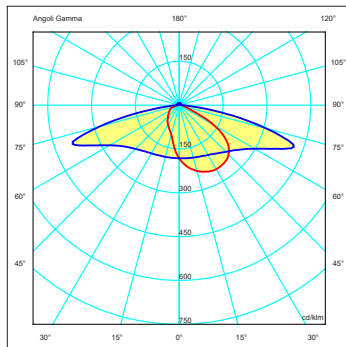
**CP1 - Cycle and pedestrian**



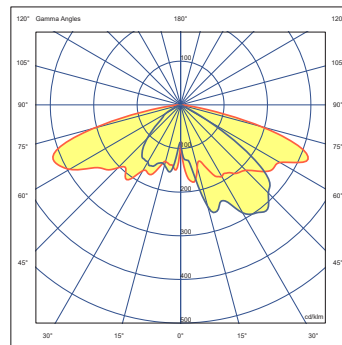
**AS1 - Type II short**



**AS2 - Type II short**



**RT1 - Concentric**



**AM1 - Type medium**

### Codice d'ordine del prodotto - Product Code

**Esempio: D0.1.2.7.035.1.S (OLYMPIA LARGE CP1 Classe 2 CRI>70 35W 3000K Antracite)**

D0	1	2	7	035	1	S
Prodotto Product	Ottica Optical	Classe Class	CRI CRI	Potenza Power	CCT CCT	Colore Color
D0 Olympia M 1 modulo	<b>1</b> CP1	<b>1</b> Classe 1	<b>7</b> CRI >70	<b>015</b> 15W	<b>0</b> 2700K	<b>S</b> Antracite
	<b>2</b> RT1	<b>2</b> Classe 2		<b>020</b> 20W		
	<b>3</b> AS1			<b>025</b> 25W		
	<b>4</b> AS2			<b>030</b> 30W		
	<b>7</b> AS3			<b>035</b> 35W		

All delivered lumen calculated at 25°C

ZETAENNE SRL maintains a tolerance of +/-5% on flux, power and CRI measurements  
 ZETAENNE SRL reserves the right to modify products and data in order to upgrade performance and design features



**ZETAENNE SRL**

Via L. Settembrini, 41 47039 Savignano sul Rubicone (FC)

Tel. +39 (0)543 468781 Fax +39 (0)543 449051

email: info@znlled.com Pec: brightmax@pec.it

www.znlled.it

C.F./P.IVA IT04089040408 Reg.Imprese REA FO-329237

Codice d'ordine del prodotto - Product Code						
Esempio: D1.1.2.7.035.1.S (OLYMPIA LARGE CP1 Classe 2 CRI>70 35W 3000K Antracite)						
D1	1	2	7	035	1	S
Prodotto Product	Ottica Optical	Classe Class	CRI CRI	Potenza Power	CCT CCT	Colore Color
D1 Olympia L 1 modulo	1 CP1	1 Classe 1	7 CRI >70	015 15W	0 2700K	S Antracite
	2 RT1	2 Classe 2		020 20W	1 3000K	
	3 AS1			025 25W	2 4000K	
	4 AS2			030 30W		
	7 AS3			035 35W		

Codice d'ordine del prodotto - Product Code						
Esempio: D2.1.2.7.035.1.S (OLYMPIA LARGE CP1 Classe 2 CRI>70 35W 3000K Antracite)						
D2	1	2	7	035	1	S
Prodotto Product	Ottica Optical	Classe Class	CRI CRI	Potenza Power	CCT CCT	Colore Color
D2 Olympia L 2 moduli	1 CP1	1 Classe 1	7 CRI >70	035 35W	0 2700K	S Antracite
	2 RT1	2 Classe 2		040 40W	1 3000K	
	3 AS1			045 45W	2 4000K	
	4 AS2			050 50W		
	7 AS3			055 55W		
				060 60W		
				065 65W		
		070 70W				

All delivered lumen calculated at 25°C

ZETAENNE SRL maintains a tolerance of +/-5% on flux, power and CRI measurements

ZETAENNE SRL reserves the right to modify products and data in order to upgrade performance and design features



**ZETAENNE SRL**

Via L. Settembrini, 41 47039 Savignano sul Rubicone (FC)

Tel. +39 (0)543 468781 Fax +39 (0)543 449051

email: info@znled.com Pec: brightmax@pec.it

www.znled.it

C.F./P.IVA IT04089040408 Reg.Imprese REA FO-329237

Codice d'ordine del prodotto - Esempio: D3.1.2.7.035.1.S (OLYMPIA LARGE CP1 Classe 2 CRI>70 35W 3000K Antracite)						
D3	1	2	7	035	1	S
Prodotto Product	Ottica Optical	Classe Class	CRI CRI	Potenza Power	CCT CCT	Colore Color
D3 Olympia XL	1 CP1	1 Classe 1	7 CRI >70	015 15W	0 2700K	S Antracite
	2 RT1	2 Classe 2		020 20W	1 3000K	
	3 AS1			025 25W	2 4000K	
	4 AS2			030 30W		
	7 AS3			035 35W		

Codice d'ordine del prodotto - Esempio: D4.1.2.7.035.1.S (OLYMPIA LARGE CP1 Classe 2 CRI>70 35W 3000K Antracite)						
D4	1	2	7	035	1	S
Prodotto Product	Ottica Optical	Classe Class	CRI CRI	Potenza Power	CCT CCT	Colore Color
D4 Olympia XL	1 CP1	1 Classe 1	7 CRI >70	035 25W	0 2700K	S Antracite
	2 RT1	2 Classe 2		040 30W	1 3000K	
	3 AS1			045 35W	2 4000K	
	4 AS2			050 40W		
	7 AS3			055 45W		
				060 50W		
		065 50W				
		070 50W				

All delivered lumen calculated at 25°C

ZETAENNE SRL maintains a tolerance of +/-5% on flux, power and CRI measurements

ZETAENNE SRL reserves the right to modify products and data in order to upgrade performance and design features

**Soluzioni con una scheda LED**

Potenza Nominale Nominal Power	Temperatura colore Color temperature	Flusso apparecchio* Luminaire flux	Efficienza apparecchio Luminaire efficiency	Potenza apparecchio Luminaire consumption	Assorbimento scheda LED PCB LED consumption	Efficienza scheda LED PCB LED efficiency	Flusso scheda LED* PCB LED flux	Corrente in ingresso Input current
15 W	3000 K	2.330 lm@ta25°C	155,3 lm/W	15,8 W	13,5 W	182 lm/W	lm@ta25°C	230 mA
20 W	3000 K	2.970 lm@ta25°C	149 lm/W	21 W	18 W	182 lm/W	lm@ta25°C	300 mA
25 W	3000 K	3.570 lm@ta25°C	143 lm/W	26,3 W	22,5 W	182 lm/W	4.095 lm@ta25°C	350 mA
30 W	3000 K	3.950 lm@ta25°C	132 lm/W	30,3 W	27 W	176 lm/W	4.752 lm@ta25°C	400 mA
35 W	3000 K	4.280 lm@ta25°C	122,2 lm/W	34,4 W	31,5 W	170 lm/W	5.355 lm@ta25°C	450 mA

**Soluzioni con due schede LED**

Potenza Nominale Nominal Power	Temperatura colore Color temperature	Flusso apparecchio* Luminaire flux	Efficienza apparecchio Luminaire efficiency	Potenza apparecchio Luminaire consumption	Assorbimento scheda LED PCB LED consumption	Efficienza scheda LED PCB LED efficiency	Flusso scheda LED* PCB LED flux	Corrente in ingresso Input current
35 W	3000 K	5.390 lm@ta25°C	154 lm/W	36,5 W	31,5 W	194 lm/W	6.111 lm@ta25°C	500 mA
40 W	3000 K	5.870 lm@ta25°C	147 lm/W	40,5 W	36 W	192 lm/W	6.912 lm@ta25°C	550 mA
45 W	3000 K	6.320 lm@ta25°C	141 lm/W	44,4 W	40,5 W	188 lm/W	7.614 lm@ta25°C	600 mA
50 W	3000 K	6.690 lm@ta25°C	139 lm/W	48,4 W	45 W	184 lm/W	8.280 lm@ta25°C	650 mA
55 W	3000 K	7.150 lm@ta25°C	130 lm/W	52,6 W	49,5 W	182 lm/W	9.009 lm@ta25°C	700 mA
60 W	3000 K	7.740 lm@ta25°C	129 lm/W	60,6 W	54 W	180 lm/W	9.720 lm@ta25°C	800 mA
65 W	3000 K	8.065 lm@ta25°C	124 lm/W	64,8 W	58,5 W	172 lm/W	10.062 lm@ta25°C	850 mA
70 W	3000 K	8.390 lm@ta25°C	120 lm/W	69 W	63 W	172 lm/W	10.836 lm@ta25°C	900 mA

\*lumen referred to CRI70. Conversion factor for CRI80: 0,99

Conversion factor for lumen at 3000 K: 0,93; conversion factor for lumen at 5500 K: 1,00

**CE IP66 CUT OFF IK08**