

TECHNICAL DATA SHEET

OLYMPIA ECO

Product typology

CUT-OFF LED luminaire for street and urban areas illumination (IP66) for pole top head or bracket installation on Ø60 mm poles

Material technical spec

Die-cast aluminum housing (ADC12) powder coated RAL7016

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 and AS3 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 40-76 mm poles or bracket

M20 cable gland suitable for Ø 6-12 mm cable

No ordinary maintenance 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 $\pm 10^\circ$ (with 5° step)

Technical spec

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



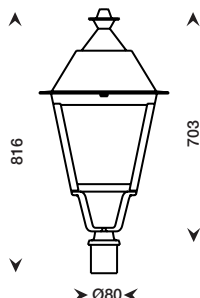
OLYMPIA ECO 15-35 W



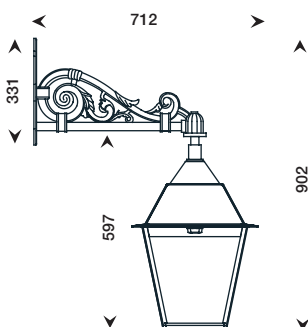
OLYMPIA ECO 35-70 W



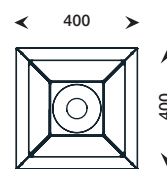
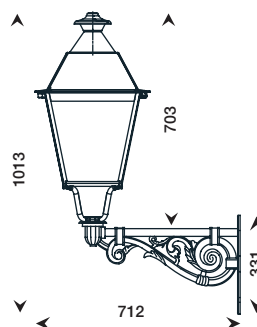
OLIMPIA ECO POLE



OLIMPIA ECO WALL*



OLIMPIA ECO TOP*



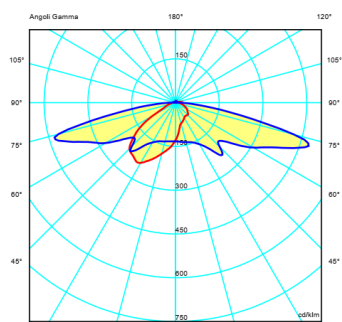
*attacco a 3/4 Gas

All delivered lumen calculated at 25°C

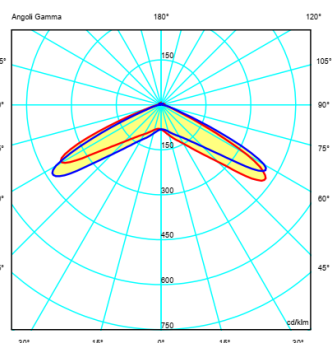
ZETAENNE SRL maintains a tolerance of +/-5% on flux, power and CRI measurements

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

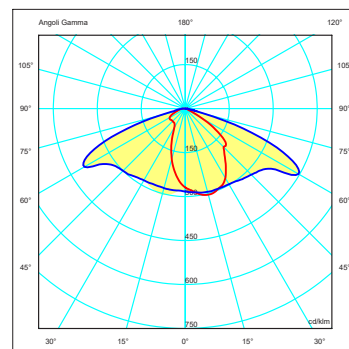
Lenses



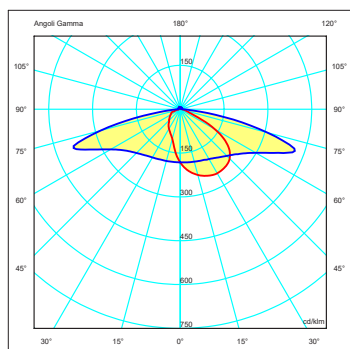
CP1 - Cycle and pedestrian



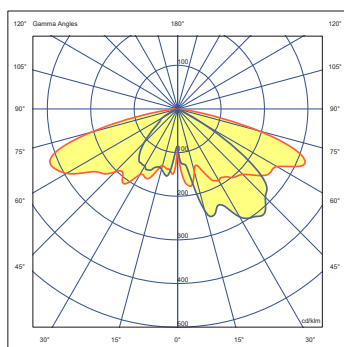
AS1 - Type II short



AS2 - Type II short



RT1 - Concentric



AM1 - Type medium

Codice d'ordine del prodotto - Product Code

Esempio: D5.1.2.7.035.1.S (OLYMPIA ECO Pole CP1 Classe 2 CRI>70 35W 3000K Antracite)

D5	1	2	7	035	1	S
Prodotto Product	Ottica Optical	Classe Class	CRI CRI	Potenza Power	CCT CCT	Colore Color
D5 Olympia ECO Pole 1 modulo led	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		



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

Codice d'ordine del prodotto - Product Code						
Esempio: D6.1.2.7.035.1.S (OLYMPIA ECO Pole CP1 Classe 2 CRI>70 35W 3000K Antracite)						
D6	1	2	7	035	1	S
Prodotto Product	Ottica Optical	Classe Class	CRI CRI	Potenza Power	CCT CCT	Colore Color
D6 Olympia ECO Pole 2 moduli led	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		

Codice d'ordine del prodotto - Product Code						
Esempio: D7.1.2.7.035.1.S (OLYMPIA ECO Wall CP1 Classe 2 CRI>70 35W 3000K Antracite)						
D7	1	2	7	035	1	S
Prodotto Product	Ottica Optical	Classe Class	CRI CRI	Potenza Power	CCT CCT	Colore Color
D7 Olympia ECO Wall 1 modulo led	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: D8.1.2.7.035.1.S (OLYMPIA ECO Wall CP1 Classe 2 CRI>70 35W 3000K Antracite)						
D8	1	2	7	035	1	S
Prodotto Product	Ottica Optical	Classe Class	CRI CRI	Potenza Power	CCT CCT	Colore Color
D8 Olympia ECO Wall 2 moduli led	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

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Codice d'ordine del prodotto - Product Code						
Esempio: D9.1.2.7.035.1.S (OLYMPIA ECO Top CP1 Classe 2 CRI>70 35W 3000K Antracite)						
D9	1	2	7	035	1	S
Prodotto Product	Ottica Optical	Classe Class	CRI CRI	Potenza Power	CCT CCT	Colore Color
D9 Olympia ECO Top 1 modulo led	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: DA.1.2.7.035.1.S (OLYMPIA ECO Top CP1 Classe 2 CRI>70 35W 3000K Antracite)						
DA	1	2	7	035	1	S
Prodotto Product	Ottica Optical	Classe Class	CRI CRI	Potenza Power	CCT CCT	Colore Color
DA Olympia ECO Top 2 moduli led	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		

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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



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