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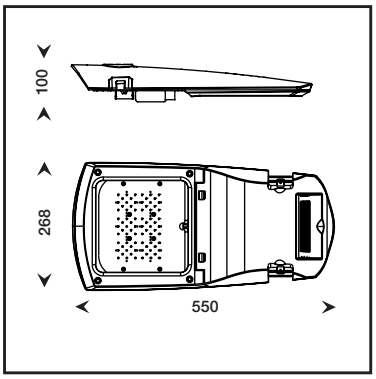
C.F/P.IVA IT04089040408 Reg.Imprese REA FO-329237

TECHNICAL DATA SHEET

DIANA



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, 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 semplified 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
Luminare for direct installation on Ø 60 mm poles or bracket
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

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

Weight/Dimension	DIANA 25-75W
Net weight	- kg
Gross weight	- kg
Luminaire dimension	550x268x100 mm (pole top head configuration) xx mm (bracket configuration)
Packaging dimension	xx mm

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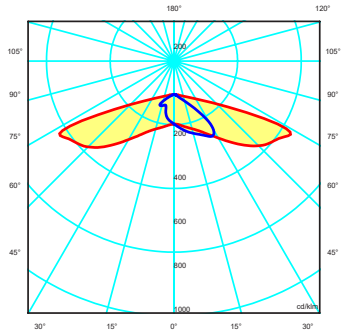
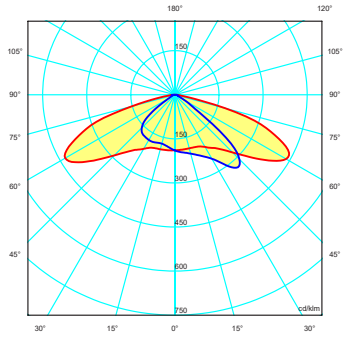
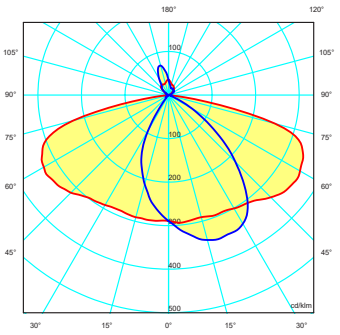
Lenses



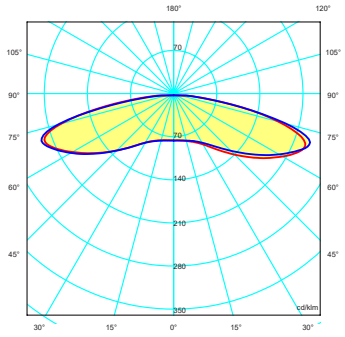
CP1 - Cycle and pedestrian



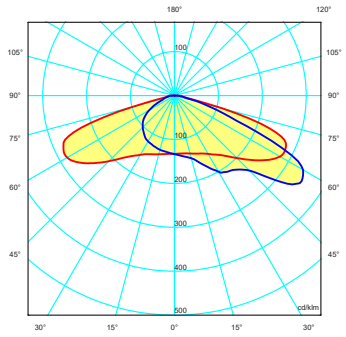
AS1 - Type II short



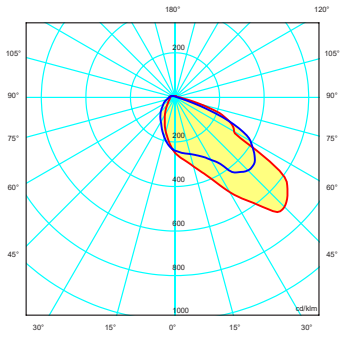
AS2 - Type II short



RT1 - Concentric



AM1 - Type medium



PP1 - Crosswalk

Codice d'ordine del prodotto - Preoduct Code
Esempio: AA.1.2.7.035.1.S (DIANA CP1 Classe 2 CRI>70 35W 3000k Antracite)

AA	1	2	7	035	1	S
Prodotto Product	**Ottica** Optical	**Classe** Class	**CRI** CRI	**Potenza** Power	**CCT** CCT	**Colore** Color
AA Diana	**1** CP1 **2** RT1 **3** AS1 **4** AS2 **5** AM1 **6** PP1 DX **7** PP1 SX	**1** Classe 1 **2** Classe 2	**7** CRI >70	**025** 25W **030** 30W **035** 35W **040** 40W **045** 45W **050** 50W **055** 55W **065** 65W **070** 70W **075** 75W	**1** 3000K **2** 4000K **4** 5000K **3** 6000K	**S** Antracite

All delivered lumen calculatecd at 25°C
ZETAENNE SRL mantains 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

ZNLED

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Potenza Nominale Nominal Power	**Temperatura colore** Color temperature	**Flusso apaprecchio*** 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
25 W	4000 K	3.482 lm@ta25°C	139 lm/W	25 W	- W	- lm/W	- lm@ta25°C
30 W	4000 K	4.875 lm@ta25°C	162 lm/W	30 W	- W	- lm/W	- lm@ta25°C
35 W	4000 K	5.020 lm@ta25°C	143 lm/W	35 W	- W	- lm/W	- lm@ta25°C
40 W	4000 K	5.670 lm@ta25°C	141 lm/W	40 W	- W	- lm/W	- lm@ta25°C
45 W	4000 K	6.380 lm@ta25°C	141 lm/W	45 W	- W	- lm/W	- lm@ta25°C
50 W	4000 K	6.985 lm@ta25°C	139 lm/W	59,7 W	- W	- lm/W	- lm@ta25°C
55 W	4000 K	7.450 lm@ta25°C	135 lm/W	54,4 W	- W	- lm/W	- lm@ta25°C
60 W	4000 K	8.320 lm@ta25°C	138 lm/W	61 W	- W	- lm/W	- lm@ta25°C
65 W	4000 K	8.690 lm@ta25°C	133 lm/W	65 W	- W	- lm/W	- lm@ta25°C
70 W	4000 K	9.020 lm@ta25°C	128 lm/W	69,2 W	- W	- lm/W	- lm@ta25°C
75 W	4000 K	9.500 lm@ta25°C	126 lm/W	75 W	- W	- lm/W	- lm@ta25°C

*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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