

AETOS LED Roadlighting Luminaire

Features

The Aetos is a highly efficient roadway way led luminaire. Featuring a special powdercoat finish for resistance to salt and chemical environments and a toughened high transmittance glass the Aetos is designed to withstand arduous corrosive and high UV environments. Utilising new lens on led technology the Aetos delivers a high lumen output whilst also resolving issues of glare and light pollution.



IP66



IK08



-20°C

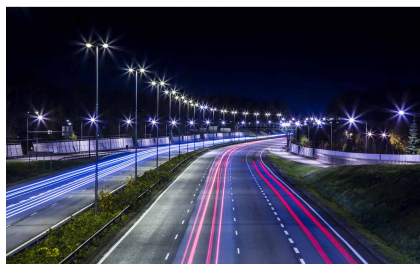


50°C



Class I

Typical Applications



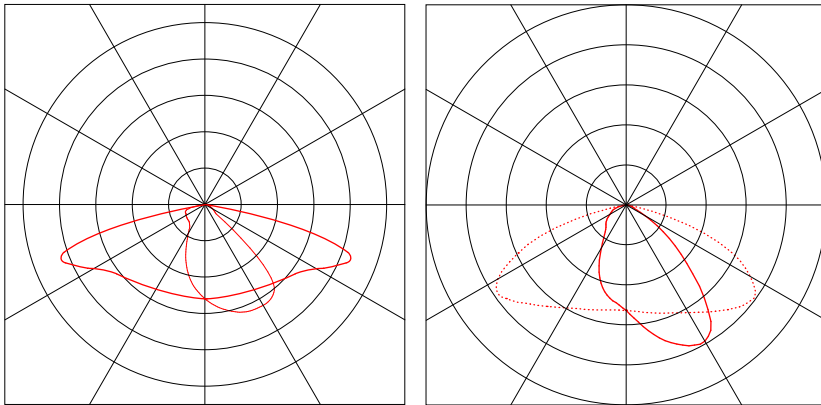
Technical Specifications

Operating Voltage	100-277V AC 50/60Hz or 415V AC 50/60Hz
Power Factor	≥0.95
EMC	AS/NZSCISPR15
Safety	AS/NZS60598.1, AS/NZS60598.2.1
Dimming/Control Options	Photocell, RS485, 2.4GHz wireless or 4G smart control
Enclosure	Marine grade powdercoated aluminium
Optical Cover	Toughened borosilicate glass
Supply Connection	4mm ² terminal block
Installation	65mm OD pipe - bottom or side entry
Efficacy	up to 125lm/W
CCT	3000K, 4000K, 5000K, 6500K
CRI	Ra>70
LED Life	L70 / B50 >50000 Hours

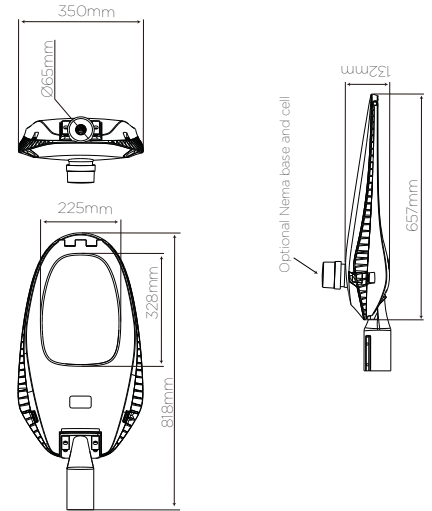


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Photometric Diagrams



Dimensions



Features

- High transmittance optical glass
- Wide voltage range for industrial applications
- Surge protection - 10kV or 20kV
- Optional 3 or 7 Pin NEMA base for photocell or smart control
- High temperature stability
- Special powdercoating for corrosive environments

Ordering Methodology

PLIAET

XXX POWER 070 (70W) 080 (80W) 090 (90W) 100 (100W) 110 (110W) 120 (120W) 150 (150W)	XX CRI/CCT 37 (3000K, 70 CRI) 47 (4000K, 70 CRI) 57 (5000K, 70 CRI) 67 (6500K, 70 CRI)	X EMERGENCY BLANK (None) M (Maintained)	X DIMMING/SMART CONTROL Blank (No Dimming) A (0-10V) R (RS485) P (Power Line) Z (Zigbee) G (GSM)
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MODEL No	POWER (W)	LUMINOUS FLUX (lm)	CCT (K)	DIMENSIONS (mm)	MASS (kg)
PLIAET07047	70	9100	5000K	818 x 350 X 132	10.5
PLIAET08047	80	10400	5000K	818 x 350 X 132	10.5
PLIAET09047	90	11700	5000K	818 x 350 X 132	10.5
PLIAET10047	100	13000	5000K	818 x 350 X 132	10.5
PLIAET11047	110	14300	5000K	818 x 350 X 132	10.5
PLIAET12047	120	15600	5000K	818 x 350 X 132	10.5
PLIAET15047	150	19500	5000K	818 x 350 X 132	10.5

