

POLIS STEEL G



Polis Steel series luminaires combine high corrosion resistance with a modern design. The fully stainless steel A2 (AISI 304) construction and powder-coated powders are ideal for installations in marine environments, coastal areas, islands, and anywhere there is an aggressive saline environment that compromises the surface of traditional light fixtures.

FEATURES

- Suitable for power ratings up to 133 W.
- A2 (AISI 304) stainless steel body for maximum resistance to oxidation and corrosion. Body in AISI 316L on request.
- Full cut-off optics.
- High comfort for road users thanks to a very low level of glare.
- Compliant with all Regional laws on light pollution reduction.
- Modern design with a pleasant aesthetic impact in urban settings.

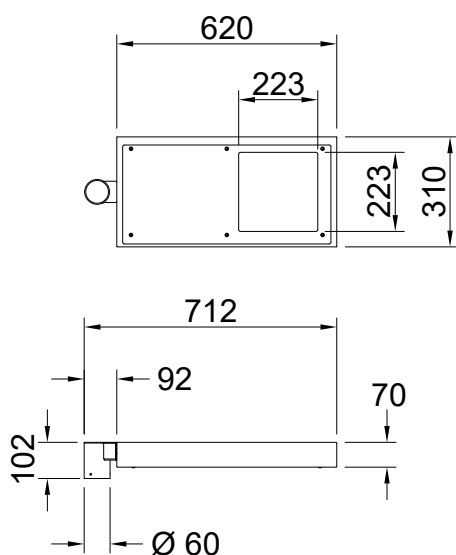
Available control systems

- 1-10V / DALI.
- Virtual midnight.
- Wireless (Zhaga Book 18).
- Powerline.
- Lineswitch.
- PIR motion sensor on Zhaga Book 18.

TECHNICAL DATA

LED type	Detas by Lumileds
Step Mac-Adam	3
LED driver	Philips - Tridonic
Nominal Input voltage [V]	220-230V~ 50/60Hz
Surge protection	10kV
Efficiency up to	150lm/W (D) - 170lm/W (P)
Rated abrupt failure value Tp,Tc	F10 @ 100.000h, <0,02% @ 1000h
Rated median useful life [hrs] @Tc	L90B10 >100.000h
Power factor	>0,95
Housing material	AISI 304 / 316L stainless steel
Protective glass type	Tempered
Glass thickness [mm]	4
Colour temperature	2200K - 3000K - 4000K - 5700K
Colour rendering index (CRI)	>70
Degree of protection (EN 60529)	IP66
IK code (EN 62262)	IK09
Insulation class	I & II
Operating temperature [°C]	-25 ÷ +50
Wind-exposed surface [m²]	Side: 0.05m² / Top: 0.20m²
Housing colour	RAL9005 Jet black
Weight [Kg]	7

DIMENSIONS



OPTICS

201A	205A	206A	208A	213A	214A
215A	217A	218S	247A	250A	277A

Other optics available on the website

MODELS

	Total power [W]	Overall flux [lm]	Optical flux [lm]
48P350	48	8195	9633
48P440	61	10231	12200
48P530	74	12077	14831
48P600	85	13495	16912
48P700	100	15345	19910
48P830	119	17972	23862
48P900	130	19041	26012
64P350	65	10982	13011
64P440	81	13551	16267
64P530	99	16008	19775
64P600	113	17933	22550
64P700	133	20262	26546

Reference configuration: Optic 206A - 4000 K



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