

POLIS STEEL N



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, which compromises the durability of traditional light fixtures.

FEATURES

- Suitable for power ratings up to 63 W.
- A2 (AISI 304) stainless steel body for perfect 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.

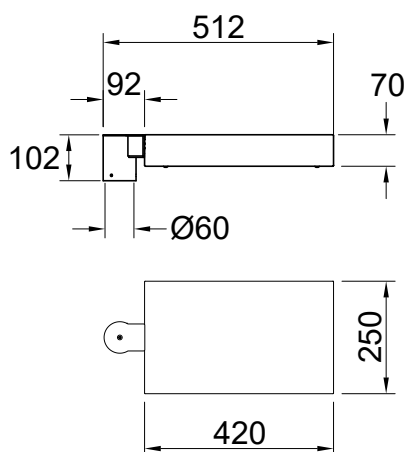
Available control systems

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

TECHNICAL DATA

LED type	Datas by Lumileds
Step Mac-Adam	3
LED driver	Philips - Tridonic
Nominal Input voltage [V]	220-230V~ 50/60Hz
Surge protection	10kV
Efficiency up to	173lm/W (D) - 193lm/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: 0.03m² / Top: 0.11m²
Housing colour	RAL9005 Jet black
Weight [Kg]	5

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]
24P200	14	2598	2701
24P250	17	3154	3396
24P300	20	3897	4098
24P350	24	4639	4817
24P440	31	5623	6100
24P530	37	6665	7415
24P600	42	7426	8456
24P700	50	8463	9955
24P830	60	9804	11931
36P350	36	6674	7225
36P440	46	8286	9150
36P530	56	9673	11123
36P600	63	10807	12684

Reference configuration: Optic 206A - 4000 K



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