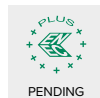


KRATOS H



The Kratos H light fixture is a high-power solution dedicated to street lighting and parking lots, with wattages up to 233 W. Its design offers a very small surface area exposed to the wind. In addition, the choice of more than 40 different optics allows for the optimization of the design and, as a result, provides additional energy savings.

FEATURES

- Suitable for wattages up to 233 W.
- Die-cast aluminum body for better dissipation and corrosion resistance due to very low copper content.
- Driver compartment opening without tools with quick release.
- Full cut-off optics.
- Tempered glass to protect the optics and LEDs.
- System efficiency up to 181 lm/W.
- High comfort for road users thanks to a very low level of glare.
- Compliant with all Regional Laws for the reduction of light pollution.
- Modern design without rear fins and internally integrated heat sink.

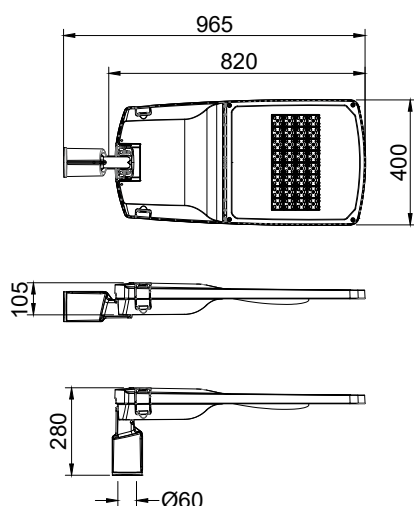
Available control systems

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

TECHNICAL DATA

LED type	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	160lm/W (D) - 181lm/W (P)
Rated abrupt failure value T_p, T_c	F10 @ 100.000h, <0,02% @ 1000h
Rated median useful life [hrs] @ T_c	L90B10 >100.000h
Power factor	>0,95
Housing material	Supercast® die-cast aluminum
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 [m ²]	Side: 0.05m² / Top: 0.23m²
Housing colour	RAL9004 Signal black
Weight [Kg]	12.6

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]
80P530	124	22401	24718
80P600	141	24963	28187
80P700	166	28326	33183
80P750	178	30069	35681
80P830	199	33389	39769
80P900	217	35806	43353
80P950	230	36932	45923
96P600	169	29781	33825
96P650	184	30633	36776
96P700	199	33977	39820
96P750	214	36067	42817
96P810	232	38900	46491
112P600	197	33644	39462
112P650	215	35904	42906
112P700	232	38738	46456
128P440	163	29331	32534
128P530	198	34205	39549
128P600	225	38739	45100
128P620	233	40362	46687

Reference configuration: Optic 206A - 4000 K



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