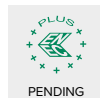


KRATOS M



Kratos M is our best value-for-money solution dedicated to street and parking lots, for wattages up to 59 W. Its design offers a very small surface area exposed to the wind. In addition, the choice of more than 40 different optics enables design optimization and, as a result, provides additional energy savings.

FEATURES

- Suitable for wattages up to 59 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 192 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.

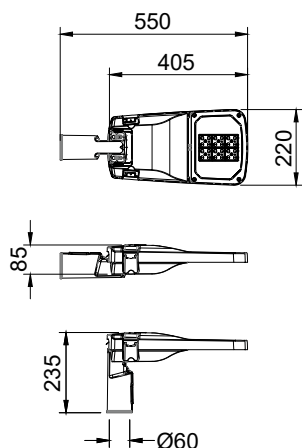
Available control systems

- 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	173lm/W (D) - 192lm/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	Die-cast aluminum
Protective glass type	Tempered
Glass thickness [mm]	5
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]	-40 ÷ +50
Wind-exposed surface [m ²]	Side: 0.03m² / Top: 0.08m²
Housing colour	RAL9004 Signal black
Weight [Kg]	4

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]
8P350	8	1543	1606
8P440	10	1882	2033
8P530	12	2203	2472
8P600	14	2475	2819
8P700	17	2890	3318
8P1000	24	4163	4860
16P350	16	3048	3211
16P440	20	3904	4067
16P530	25	4534	4944
16P600	28	4886	5637
16P700	33	5533	6637
16P830	40	6570	7954
16P1000	49	8048	9719
24P350	24	4572	4817
24P440	31	5763	6100
24P530	37	6710	7415
24P600	42	7504	8456
24P650	46	7870	9194
24P700	50	8384	9955
24P725	52	8660	10329
24P750	54	8931	10704
24P800	57	9526	11479
24P825	59	9855	11838

Reference configuration: Optic 206A - 4000 K



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