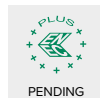


KRATOS N



Kratos N is our best value-for-money solution dedicated to street and parking lots, for wattages up to 86 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 power ratings up to 86 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 of up to 185 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.

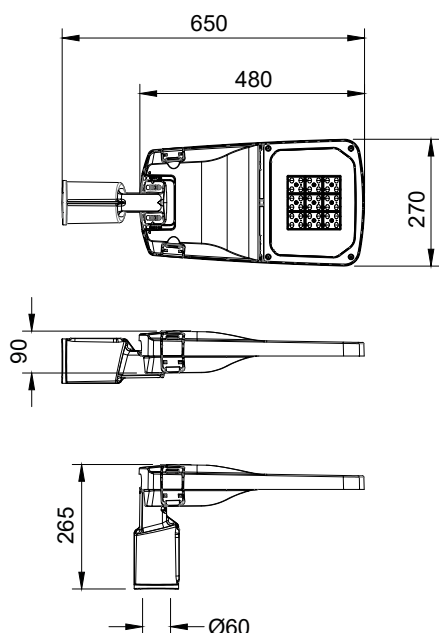
Available control systems

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

TECHNICAL DATA

LED type	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	166lm/W (D) - 185lm/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]	-40 ÷ +50
Wind-exposed surface [m ²]	Side: 0.03m² / Top: 0.11m²
Housing colour	RAL9004 Signal 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]
12P350	12	2198	2408
12P440	15	2630	3050
12P530	19	3224	3708
12P600	21	3619	4228
12P700	25	4004	4977
12P830	30	4727	5965
12P900	33	5136	6503
12P1000	36	5811	7289
24P350	24	4457	4817
24P440	31	5568	6100
24P530	37	6605	7415
24P600	42	7440	8456
24P650	46	7774	9194
24P700	50	8470	9955
24P750	54	8556	10704
24P830	60	9564	11931
24P1000	73	11454	14579
36P350	36	6212	7225
36P440	46	7633	9150
36P530	56	9138	11123
36P600	63	10124	12684
36P700	75	11706	14932
36P750	80	12559	16056
36P770	83	12844	16514
36P800	86	13310	17219

Reference configuration: Optic 206A - 4000 K



KRATOS N

