

STRATOS P

Stratos P is our solution for medium/high power streetlighting needs.



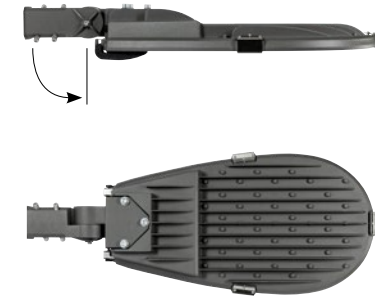
APPROVALS



TECHNICAL DATA

LED type	LUMILEDS
Step MacAdam	5 (3 on request)
LED driver	Xitanium
Input voltage	230 VAC
Efficiency min. - max.	105 - 117 lm/W
L80 B10 F10**	>80.000 hrs
PF	>0.95
Housing	SUPERCAS [®] aluminum
Glass	Tempered 5 mm
Colour temperature	3000 K - 4000 K - 5700 K
Colour rendering index	CRI >70/75
Degree of protection	IP66
Electrical insulation	Class I or II
Operating temperature	-40...+50 °C
Weight	10 kg

- Maximum energy saving (up to 30% compared to other LED lights) thanks to the concentrated optics when installed at medium/high mounting heights.
- Worldwide quality approvals:
 - ENEC (Europe)
 - TÜV NRTL (North America).
- Tempered glass protecting LEDs and optics.
- Modern design, available in different colors.
- Photobiological safety risk exempt certified.
- Proprietary full cutoff optics:
 - High visual comfort for road users thanks to the low glare level
 - No light pollution
 - Maximum energy efficiency thanks to the targeted optics.
- Optional control systems:
 - 1-10V / DALI
 - Virtual midnight
 - Remote wireless control
 - Photocell / motion sensor
 - Power-line communication
 - Lineswitch.



MODELS

	Total power [W]	Overall flux* [lm]	Optical flux [lm]
16M400	78	9117	11310
16M550	107	11879	15515
16M700	136	14312	19720
18M400	88	10257	12724
18M550	120	13364	17454
18M700	153	16101	22185
20M400	97	11252	14065
20M550	133	14641	19285
20M600	145	15230	21025

* With optics 57A
** Failure rate F10 including driver

OPTICS

16A2	52A
23A	56A
29A	57A
34A	64A
46A2	85A
49A	88A

Available other optics for special applications.

DIMENSIONS

[mm]

