

CRATUS is a versatile and efficient integrated pole solution for public lighting that can be applied in a variety of environments. Its simple and robust design makes it attractive, complemented by its luminous power.

With LEDs with a high color rendering index (Ra>70) and high overall luminous efficiency between 118 and 131 lm/W. LEDs with a high useful life (>100 000h), with different color temperatures available.

Usually applied on poles of 3 to 8 meters.



PRODUCT DESCRIPTION

Assembly	Post; Column:
Body	Steel sheet with anti-corrosive hot-dip galvanizing surface treatment;
Application	Urban streets; Squares; Parking lots;
CRI	Ra >70;
Diffuser	T -Transparent; (in tempered glass)

ELECTRICAL SPECIFICATIONS

Max. Supply Current	700 mA;
Power Factor	> 0,90;
Class of electrical protection	I;

STANDARDS (PRODUCTS MANUFACTURED ACCORDING TO:)

EN 60598-1:2018 + A1:2018
EN 60598-2-3:2003 + A1:2011



PACKAGE

Dimension (mm)	260x620x140 (NO POSTER)
Weight (kg)	9,6

PRODUCT OPTIONS

Control	Possibility of integrating connection plugs (NEMA and Zhaga), for control system integration;
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AREAS OF LIGHT PROJECTION

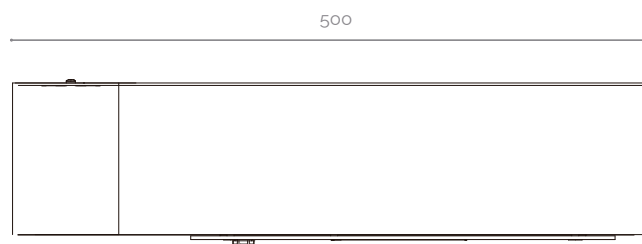
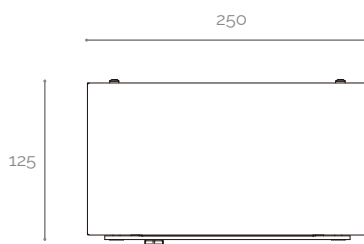
 Projected surface	0,148 m²
 Projected lateral surface	0,074 m²

FINISHES

Gr Grey (AZKO Gris 900 sable or 72-5T3)

Other finishes on request.

MECHANICAL DRAWINGS (mm)



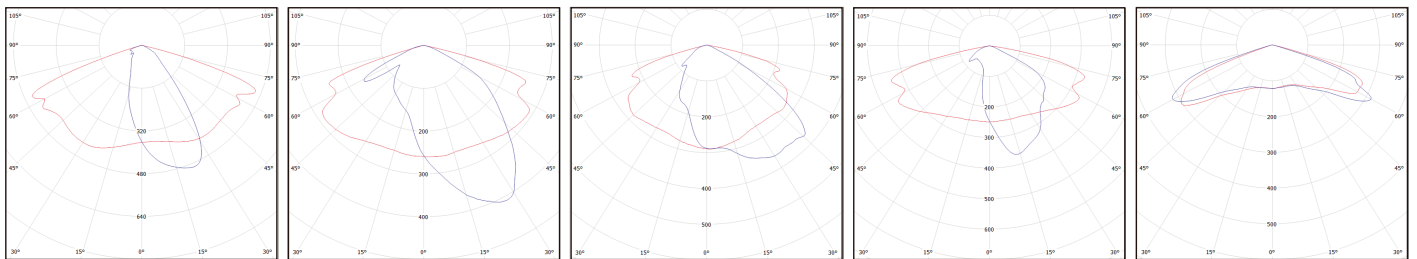
PHOTOMETRIC SPECIFICATIONS

MODEL	PERFORMANCE	POWER (W)	PHOTOMETRIC CODE	LUMINOUS FLUX (lm)	SYSTEM EFFICIENCY* (lm/W)
CRATUS M I (1x8)	HO	18	730	2154	118
			740	2225	122
			750	2225	122
	HE	14	730	1730	122
			740	1786	126
			750	1786	126
CRATUS M II (2x8)	HO	36	730	4308	121
			740	4450	125
			750	4450	125
	HE	28	730	3460	125
			740	3573	129
			750	3573	129
CRATUS M III (3x8)	HO	53	730	6463	122
			740	6675	126
			750	6675	126
	HE	41	730	5189	126
			740	5359	131
			750	5359	131
CRATUS M IV (4x8)	HO	70	730	8617	122
			740	8900	126
			750	8900	126
	HE	55	730	6919	126
			740	7146	131
			750	7146	131

NOTE: Nominal values at temperature (Tp - 25°C) | Transparent diffuser | Asymmetrical lens | (*) - Normal system (without control);
 The luminous flux and input power of the luminaire are indicative values valid for an ambient temperature of 25°C. The actual flux emitted by the luminaire depends on environmental conditions (e.g. temperature and pollution) and may vary according to specific configurations. The reported values are subject to the tolerances in technology.

HO - High output flux;
 HE - High efficiency;

POLAR DIAGRAM



A-T2

A-T3

A-ME

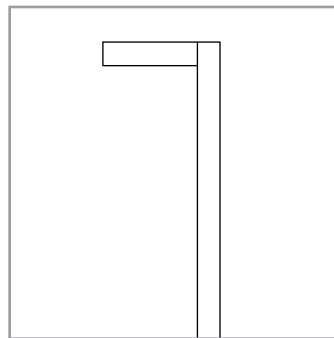
A-SCL

VSM

ORDER EXAMPLE

PRODUCT FAMILY	PERFORMANCE	PHOTOMETRIC CODE	LENS	DIFFUSER	FINISHING	OPTIONS
CRATUS M (1x8)	HO	730	A-T2	T	Cz	-

ILLUSTRATIVE IMAGES



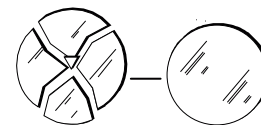
NOTE

(*) Drawing in normal operating position;
 (**) Tightening torque of the fixing screw according to EN 60598-2-3 (Max. 8 N m).

NOTES



RISK OF
ELECTRIC SHOCK



LUMINAIRES WITH GLASS.
Must be replaced when cracked

This device is not suitable for pricking out.
Light source not user-replaceable.

For more information on the different architectures, solutions and functionalities available, please contact Lightenjin.

Under the general terms of the supply of our services and/or equipment, Lightenjin declines any responsibility for the use or purpose assigned to them, which are the sole and exclusive responsibility of the customer.

Lightenjin reserves the right to change the information contained in this document without prior notice.

LIGHTENJIN II - LIGHTING INDUSTRY, LDA

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