lightenjin

VIA

TECHNICAL DATA SHEET

The **VIA** family is a public lighting solution that incorporates a high-efficiency LED light engine in a smooth, organic design that can be applied to a wide range of spaces and routes without compromising its performance. It allows the integration of intelligent systems that provide greater functionality and profitability for the entire installation.

With LEDs with a high color rendering index (Ra>70) and a long service life (>100,000h), with different color temperatures available.

It is usually applied to poles of 4 to 12 meters.

Hg UV IR RoHS

08 CE EN 60598 230V AC 50 Hz IK08 IP67 960°C

PRODUCT DESCRIPTION

Assembly	Post; (from 4 to 12 meters)
Body	Injected aluminum, thermo-lacquered; UV, corrosion and salt spray resistant paint;
Application	Freeways; Main and secondary roads; Industrial areas; Parks; Parking areas;
CRI	Ra >70;
Diffuser	T - Transparent; (in transparent, tempered glass)
Operating temperature	Ta -50°C;

PRODUCT OPTIONS

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

FINISHES

Gr	Grey (RAL 7035 or equivalent)

Other finishes on request

ELECTRICAL SPECIFICATIONS

Max. Supply Current.	700 mA;
Power Factor	> 0,90;
Protection of loads external to the DRIVER	> 10 KV using SPD;
Class of electrical protection	I ;

STANDARDS (PRODUCTS MANUFACTURED ACCORDING TO:)

EN 60598-1:2018 + A1:2018

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

PACKAGE

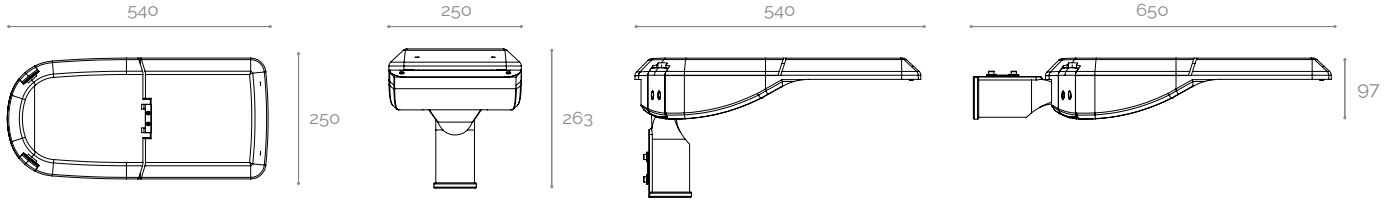
Dimension (mm)	600x300x160 (NO POST)
Weight (Kg)	5.9

LIGHT PROJECTION AREAS

Projected surface	0.132 m²
Projected side surface	0.0428 m²

MECHANICAL DRAWINGS (mm)

(*) Devices with angle articulation (-15° to +15°);



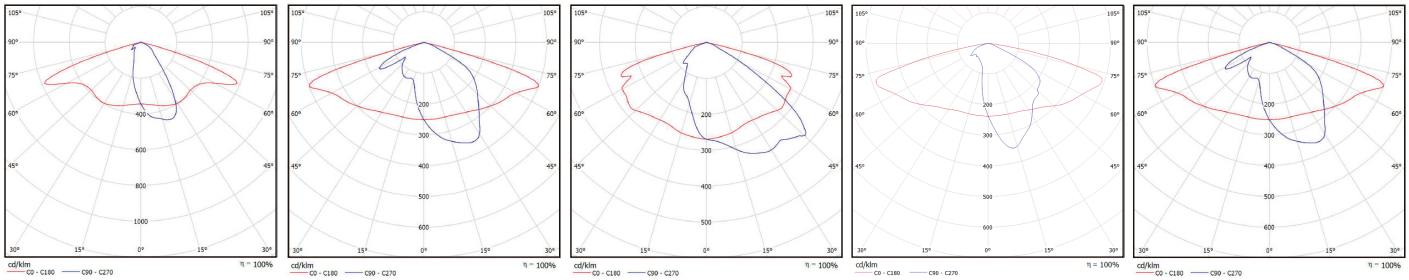
PHOTOMETRIC SPECIFICATIONS

REFLECTOR	PERFORMANCE	POWER (W)	PHOTOMETRIC CODE	LUMINOUS FLUX (lm)	SYSTEM EFFICIENCY* (lm/W)
VIA S I (1x8)	HO	18	730	2160	119
			740	2231	123
			750	2231	123
	HE	14	730	1735	123
			740	1792	127
			750	1792	127
VIA S I (1x16)	HO	36	730	4183	117
			740	4320	121
			750	4320	121
	HE	28	730	3359	121
			740	3469	125
			750	3469	125
VIA S II (2x8)	HO	36	730	4321	121
			740	4463	125
			750	4463	125
	HE	28	730	3470	125
			740	3583	129
			750	8366	129
VIA S II (2x16)	HO	70	730	8641	119
			740	8641	123
			750	6718	123
	HE	55	730	6938	123
			740	6938	127
			750	6481	127
VIA S III (3x8)	HO	53	730	6694	123
			740	6694	127
			750	5204	127
	HE	41	730	5375	127
			740	12549	131
			750	12961	131
VIA S III (3x16)	HO	104	730	10076	120
			740	10407	124
			750	10407	124
	HE	81	730	8642	124
			740	8926	128
			750	8926	128
VIA S IV (4x8)	HO	70	730	8642	123
			740	8926	127
			750	8926	127
	HE	55	730	6939	127
			740	7167	131
			750	7167	131
VIA S IV (4x16)	HO	119	730	14534	123
			740	15011	127
			750	15011	127
	HE	108	730	13435	124
			740	13876	128
			750	13876	128

NOTE: Nominal values at temperature (Tp-25º) | Asymmetrical lens A-T2 | Transparent diffuser | (*) - 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



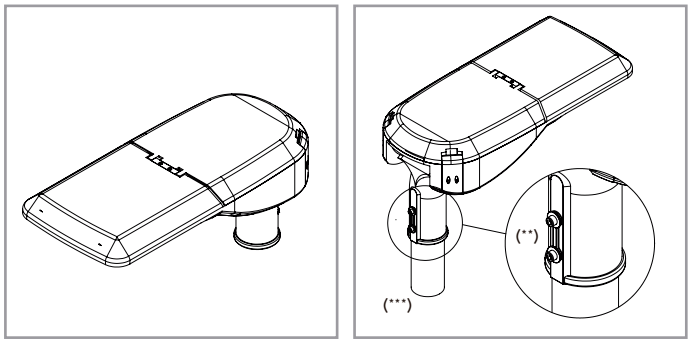
A-T2 (16 LEDs) | A-T2 (8 LEDs) | A-ME (8 LEDs) | A-SCL (8 LEDs) | A-T3 (8 LEDs)

NOTE:
Type A-T2, A-T3, A-ME, A-SCL, VSM diagrams available for optical groups accommodating 8 LEDs. Typology T2-A available for optical groups accommodating 16 LEDs

ORDER EXAMPLE

PRODUCT FAMILY	PERFORMANCE	PHOTOMETRIC CODE	LENS	DIFFUSER	FINISHING	OPTIONS
VIA S I (2X16)	*HO*	*730*	*A-T2*	*T*	*Br*	*Zhaga + Control system*

ILLUSTRATIVE IMAGES



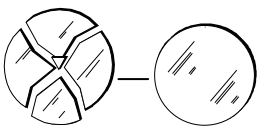
NOTE

(**) Tightening torque of the fixing screw in accordance with EN 60598-2-3 (Max. 8 N m).

(***) Prepared for fixing to poles with an outside diameter of 42 mm or 60 mm.

NOTAS

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.

Fixture with angle articulation (-15° to +15°).

The luminaire must be positioned so that a prolonged view of the luminaire at a distance of less than 2.86 m is not expected.

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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