

Floodlights

PITAGORA







 Low Flicker
 




 2,79Kg

CLASSE I (CL II upon request)

Power Supply

The driver used offers the best performance, reliability and configuration options in road areas.

External driver ON/OFF.

Version available on request: DIMMER 1-10V o 0-10V, DALI, DALI2, D4i

SPD integrato 10kV-10kA

Voltage 220 - 240 VAC 50/60Hz.

Installation

Wall and ceiling

Applications

Parking, Parks, Squares, Pedestrian Areas, Cycle Paths

Colour

Dark Grey RAL 7015

Decay of the luminous flux

≥ 100.000 hr L90B10 ≥ 110.000 hr TM21-L70

MATERIALS

Body/Pole connection bracket:	Alluminio pressofuso in lega UNI EN 46100. Protezione contro la corrosione con primer epossidico + verniciatura poliestere resistente alla nebbia salina.
Staffa:	Sospensione in versione standard Inox AISI 304 (Disponibile su richiesta staffa a plafone verniciata grigio RAL 7015)
Cable gland:	Plastic M 25x1,5 IP68
Colore:	Grey RAL 7015
Lenses:	Optic PC
Screen:	Tempered extra clear 5 mm glass, resistant to thermal shocks and impacts.
Viterie esterne	Stainless steel AISI 304

TENDER SPECIFICATIONS

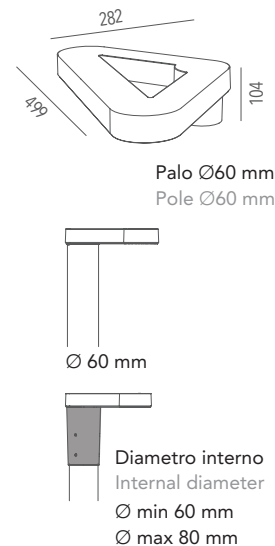
Pitagora perfectly represents the fusion between an essential and minimalist design and the reliability of a product with high lighting performance. Body in die cast in aluminium alloy UNI EN 46100. First layer in epoxy primer + painting with polyester powder, resistant to the saline mist, stabilized to UV rays, UV Class I. Screws in stainless steel AISI 304. Extra clear tempered glass, sodium-calcium type 5 mm, resistant to thermal shocks and impacts, guaranteed transparency 93%. Gaskets in expanded silicone. Integrated On/Off driver with the virtual midnight feature by default (programmable in the phase of the order, if necessary), voltage 220-240 VAC 50/60 Hz (Versions available on request: DIMMER 1-10V o 0-10V, DALI, DALI2, D4i), available upon request connectors for management/control NEMA.

Optical group of 24 LEDs, size 5050. Colour rendering index CRI80 (available on request: CRI70, CRI90). Standard colour temperature: natural white 4000K (available on request: 2700K, 3000K, 5000K, 5700K). MacAdam ellipses (standard deviation colour matching): 3. Protected against mechanical impacts IK08, ROHS approval, IP66, conformity CE, lighting fitting in CLII (available upon request CLI). Energetic classes; IPEA*: A++, Ministerial Decree 27th of September 2017 paragraph 4.2.3.8, energetic performances; EPREL*: D, UE 2017/1369, 2019/2015, 2019/2020, 2021/340 and 2021/341.

High quality European Mark ENEC.

Reference regulations: EN60598-1, EN 60598-2-3, EN 62471, EN55015, EN61547, EN 61000-3.2, EN61000-3-3. Lighting efficiency of the LED size 5050: 180 l/W Ta=25°C. Group of photobiological risk: RG0 (lighting fittings non presenting photobiological risks according to the Norm EN62471. Require from the manufacturer the distance from the observation point, if necessary.)

Working temperature -40°/+50°. Lifetime optical group: ≥ 100.000 hr L90B10 ≥ 110.000 hr TM21-L70 Ta=25°C. Warranty: 5 years.



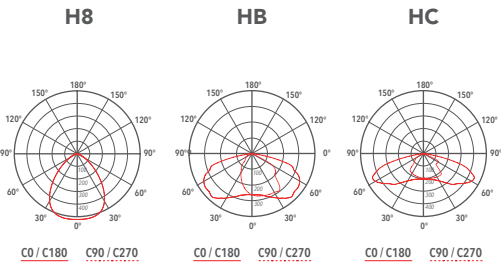
Exposed surface

Front surface 0.07 m2
Lateral surface 0.01 m2

Optical group

PCBA 24 LED size 5050
CRI ≥ 80, available on request: CRI70, CRI90.
4000K, available on request: 2700K, 3000K, 5000K, 5700K.
MacAdam ellipses (Standard Deviation Colour Matching): 3.
LED lighting efficiency: 180 l/W.

Photometric curves



Code	Source	Power	Lm (Output)	Lm (Tc=25°)	Temperature	CRI	Beams	Color	Control
L00PI40H82B40060	LED	60 W	8147 lm	10800 lm	4000 K	≥80	H8	Dark grey	-
L00PI40H82A40060	LED	60 W	8147 lm	10800 lm	4000 K	≥80	H8	Dark grey	DIMMER 1-10V o 0-10V
L00PI40H82D40060	LED	60 W	8147 lm	10800 lm	4000 K	≥80	H8	Dark grey	DALI
L00PI40HB2B40060	LED	60 W	6564 lm	10800 lm	4000 K	≥80	HB	Dark grey	-
L00PI40HB2A40060	LED	60 W	6564 lm	10800 lm	4000 K	≥80	HB	Dark grey	DIMMER 1-10V o 0-10V
L00PI40HB2D40060	LED	60 W	6564 lm	10800 lm	4000 K	≥80	HB	Dark grey	DALI
L00PI40HC2B40060	LED	60 W	5694 lm	10800 lm	4000 K	≥80	HC	Dark grey	-
L00PI40HC2A40060	LED	60 W	5694 lm	10800 lm	4000 K	≥80	HC	Dark grey	DIMMER 1-10V o 0-10V
L00PI40HC2D40060	LED	60 W	5694 lm	10800 lm	4000 K	≥80	HC	Dark grey	DALI

Accessories



Fast connector
IP 2 poles
LKITA00000000017



Fast connector
IP 3 poles
LKITA00000000003



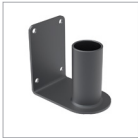
Fast connector
IP 4 poli
LKITA00000000018



Fast connector
IP 5 poli
LKITA00000000103



Pole connection
LKITA00000000064



Wall fixing kit
LKITA 0000041008