

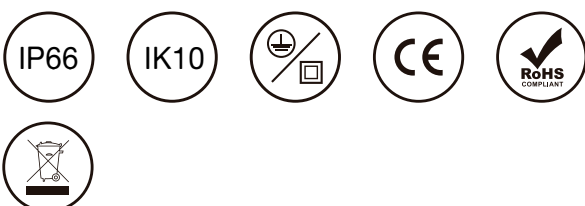
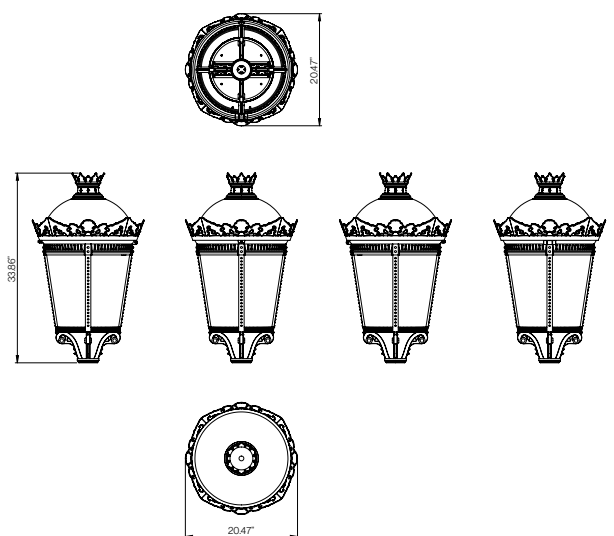


LED streetlight fixture with a classic and stylized design recalling circular lantern-type luminaires (Fernandina). FARO Series allows the integration of LED lighting in the historical centers of cities without causing any kind of impact as well as maintaining the aesthetics in the heritage.

The design of the FARO Series is also ideal for parks, squares or any trail / lane illuminated by lantern type luminaires, installed on a column or wall arm facades.

Available in three optimized potencies to be able to meet the demands of different environments or projects.

DIMENSIONS



CONFIGURATOR

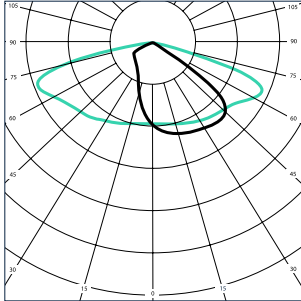
Model	Power	Optics	CCT	CRI	DRIVER	Elements	SPD	Class	RAL Color	Treatment
FRO1 Serie 1	40W	3M1 T.III media	PCA PCAmbar	7 70	27M1 100-277VACProg.Reg.0-10V,PWM	gg	20P 20 kV	1 Class I	BK Black RAL 9005	A2 250h AISI 304
	80W	1M1 T.I media	27K 2700K	8 80				2 Class II	** On request	A4 250h AISI 316
		3S1 T.III corta	30K 3000K							B2 500h AISI 304
		5D- T.Vmuycorta	40K 4000K							B4 500h AISI 316
		5X1 T.V corta	50K 5000K							C2 1000h AISI 304
			57K 5700K							C4 1000h AISI 316
										D2 1500h AISI 304
										D4 1500h AISI 316
										** On request

Reference	4000K	
	Lumens	lm/ W
FRO1-40W3M1-40K7-27M1-gg20P-1_BK-A2	> 4 800	> 120
FRO1-80W3M1-40K7-27M1-gg20P-1_BK-A2	> 9 600	> 120

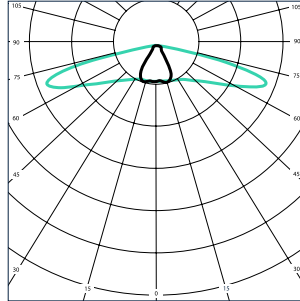
Power	Weight (lb)	Dimensions (inch)
40-80 W	18 (variable according to power)	33.85" x 20.47" x 20.47" (variable according to power)

NOTE: The luminous fluxes may vary depending on the selected configuration of the luminaire due to the different possibilities of electrical isolation, available optics and colorimetric and binning parameters of the LED diode.

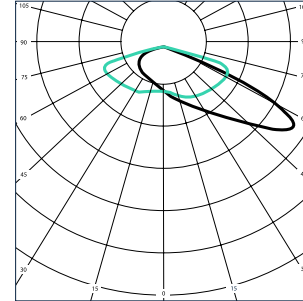
PHOTOMETRIC DIAGRAMS



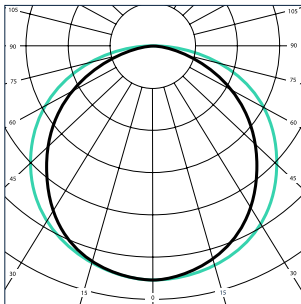
T3M1
cd/klm
— C0 - C180
— C90 - C270



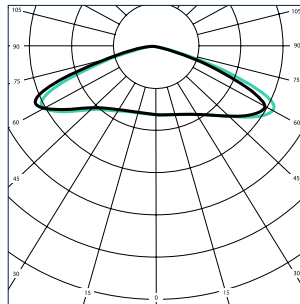
T1M1
cd/klm
— C0 - C180
— C90 - C270



T3S1
cd/klm
— C0 - C180
— C90 - C270



T5D
cd/klm
— C0 - C180
— C90 - C270



T5X1
cd/klm
— C0 - C180
— C90 - C270

ELECTRIC

Voltage range	100 ~ 240 VAC
Frequency range	50 ~ 60 Hz
Power factor	> 0,9 (@230 VAC máx. Load)
THD	< 10 % (@230 VAC máx. Load)
Protection class	Class I - Class II
SPD	4 kV (controller) 20kV (single device)
LED module input	640 mA max.
System regulation	Regulable and Programmable 0 - 10 V, PWM Fixed power programming Power jump programming (up to 5 jumps)

PHOTOMETRIC AND COLORIMETRIC

LEDs quantity	19 (40w) 38 (80w)
Efficacy	>142 lm/w (variable according to luminaire power)
Color temperature	PC Ambar 2700 K (warm white) 3000 K (warm white) 4000 K (neutral) 5000 K (cool daylight) 5700 K (cool white)
CRI	> 70 / > 80 (optional)
Chromaticity starts	SDCM <5
Lifetime	> 100 000 h
LOR	100%
Flow emitted to the upper hemisphere	0%

OPERATION CONDITION

Working temperature	- 20°C ~ 40 °C
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MECHANICAL AND FUNCTIONALS

Enclosure material	Injected aluminium
Optics material	PC
Shield material	/
Body finish	Epoxy-polyester powder paint
Color	Black RAL 9005. Other RAL color on request
IP rating	66
IK rating	10
Installation	Electronic compartment access from the top allowing a comfortable start-up of the product
Recommended installation height	3-6 m
Pole / column diameter	¾ "GAS fitting / Ø 60mm accessory
Maximum projected area	0.126 m ²

STRUCTURE

Classic design with aluminum body offering optimal performance for installation in historic sites.

Passive heat sink to guarantee the life of the luminaire.

Access to the electronic compartment from the top. All the components that make up the luminaire are independent and individually interchangeable.

FINISHED

External treatment of corrosion resistant metal casing on demand (ISO 9227). Paint thickness guaranteeing the finish of the product on the outside. AISI 304 stainless steel hardware.

Possibility of manufacturing in different RAL colors and AISI 316 hardware.

OPTICS

Lenses made of the latest generation polycarbonate.

Different symmetrical and asymmetric photometric designs that adapt to the different types of settings, meeting the lighting requirements.

ELECTRICAL

Available in two powers (40 W and 80 W).

Optimized electrical design to offer the customer an efficient end product of optimal quality. Programmable and adjustable electronic controller.

INSTALLATION

Mounting on a wall arm or column (vertical), using a ¾" GAS fitting or the possibility of using a Ø 60mm accessory. (See product installation manual).

CERTIFICATES

CE

NOTE:

Actual product performance may differ as a result of the end user application or environment. The values indicated have been measured under laboratory conditions at 25 °C. The specifications indicated in this document are subject to change without prior notice.



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