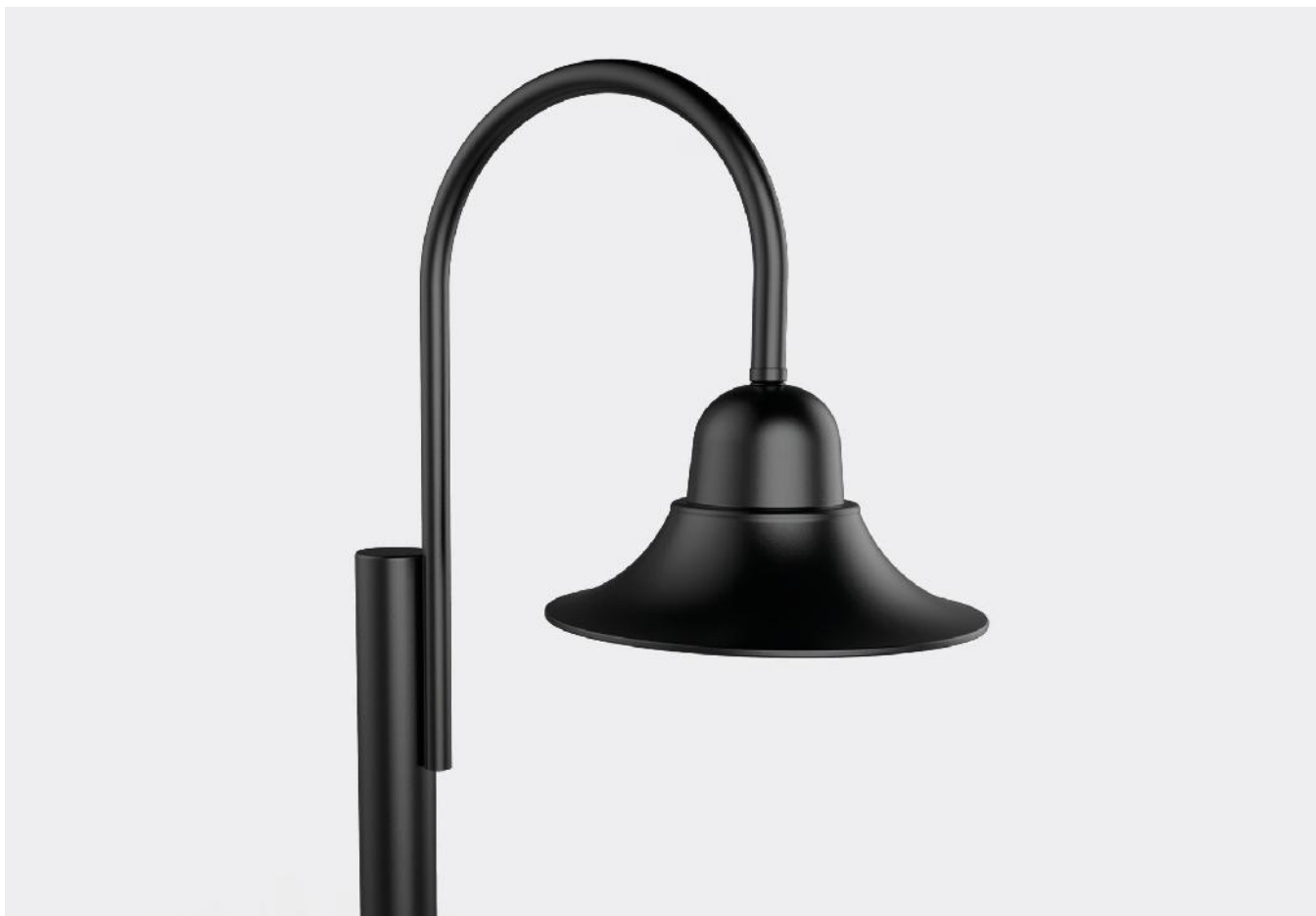


# FEDORA Series

Garden Light

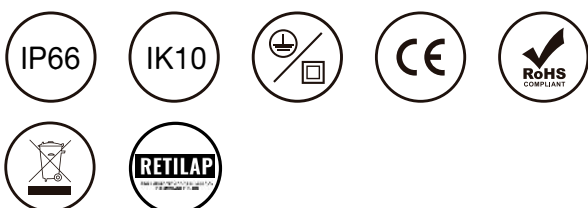
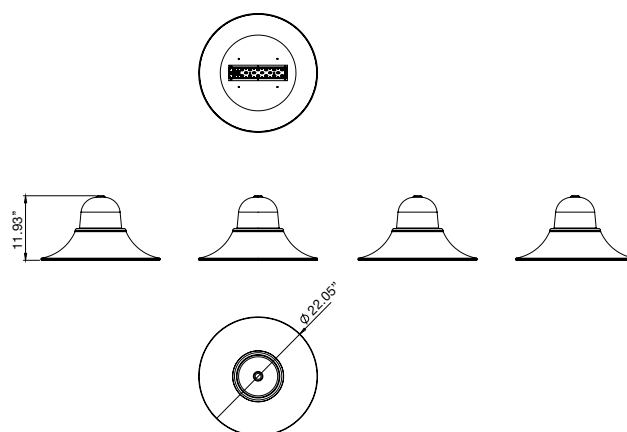


LED streetlight fixture with a classic and stylized design recalling circular lantern-type luminaires (Fernandina). FARO Series allows the integration of LED lighting in the historical centers of cities without causing any kind of impact as well as maintaining the aesthetics in the heritage.

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

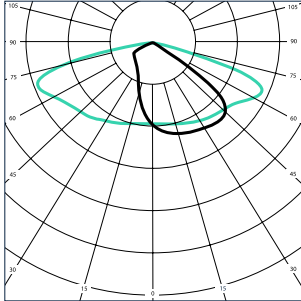
Model	Power	Optics	CCT	CRI	DRIVER	Elements	SPD	Class	RAL Color	Treatment
<b>FDA 1</b> Serie 1	<b>40W</b>	<b>3M1</b> T.III media	<b>PCA</b> PCAmbar	<b>7</b> 70	<b>27M1</b> 100-277VACProg.Reg.0-10V,PWM	<b>gg</b>	<b>20P</b> 20 kV	<b>1</b> Class I	<b>BK</b> Black RAL 9005	<b>A2</b> 250h AISI 304
	<b>80W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

Reference	4000K	
	Lumens	lm/ W
FDA1-40W3M1-30K7-27M1-gg20P-1_BK-A2	> 4 800	> 120
FDA1-80W3M1-40K7-27M1-gg20P-1_BK-A2	> 9 600	> 120

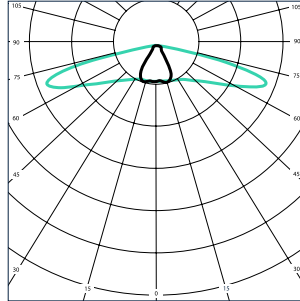
Power	Weight (lb)	Dimensions (inch)
40-80 W	16.76 (variable according to power)	22.05" x 22.05" x 11.93" (variable according to power)

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.

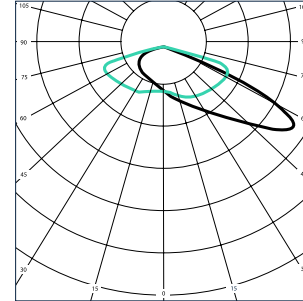
# PHOTOMETRIC DIAGRAMS



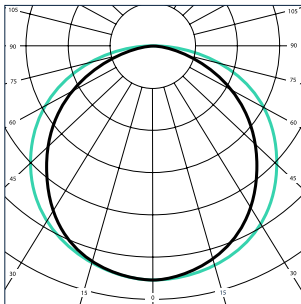
**T3M1**  
cd/klm  
— C0 - C180  
— C90 - C270



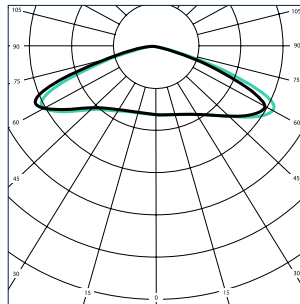
**T1M1**  
cd/klm  
— C0 - C180  
— C90 - C270



**T3S1**  
cd/klm  
— C0 - C180  
— C90 - C270



**T5D**  
cd/klm  
— C0 - C180  
— C90 - C270



**T5X1**  
cd/klm  
— C0 - C180  
— C90 - C270

## ELECTRIC

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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.
NEMA Base	3 / 5 / 7 pins (optional)
System regulation	Regulable and Programmable 0 - 10 V, PWM Fixed power programming Power jump programming (up to 5 jumps)

## PHOTOMETRIC AND COLORIMETRIC

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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

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Working temperature	- 40°C ~ 40 °C
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## MECHANICAL AND FUNTIONALS

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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
Recommended installation height	3-6 m
Installation	¾ "GAS fitting
Inclination	-5 ° ~ 10 ° (progressive)
Maximum projected area	0.065m <sup>2</sup>

## **STRUCTURE**

Classic aluminum enclosure, ideal for different historical spaces in cities. Passive heat dissipation is optimized to ensure product life.

The opening of the luminaire is at the bottom of the product, so that the installation of the product is done at a low height and in this way is safer and more comfortable.

Independent access to both the optical compartment and the electronic components.

## **FINISHED**

External treatment of the luminaire is finished with excellent weather resistance.

AISI 304 stainless steel hardware. Possibility of manufacturing in different RAL colors and AISI 316 hardware.

## **OPTICS**

Lenses are designed and manufactured by Moonoff with the latest generation polycarbonate which has a high light transmittance and a greater resistance than other polycarbonates on the market. The variety of lenses allows great versatility to illuminate the vial or project that is desired.

## **ELECTRICAL**

The configurations of this luminaire are 40 W with an electronic controller and 80 W with two electronic controllers, this together with a modern LED module developed by Moonoff, for maximum optimization the final product has the best performance compared to other solutions on the market.

## **INSTALLATION**

Mounting on an arm or pole (suspended), using a ¾ GAS fitting or the possibility of using other mounting accessories. (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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