

Project:
Qty:

Luminaire:

Order:
Type:

Utility Fitter: Welded to the housing module, a Ø 1.9" (4.8cm) external suspension tenon with a 3/8-16 locking knob and set screws (supplied with the bracket). For hanging console with a 2 3/8" (6cm) Ø tenon and a 0.154" (4mm) wall. The driver chamber is comprised of an aluminum extrusion welded to a cast-aluminum tenon. The door offers tool free access to the driver module.

Housing Module: Round shape, made of one-piece cast A356 aluminum. An interior border makes it possible to fix the frame module.

Frame Module: Cast A356 aluminum ring mechanically fixed to the housing, with hinge and quarter-turn latch that accepts the lens module and provides access to the driver module.

Optical Module: The cast A384 aluminum heat sink is optimized to minimize the temperature of the LEDs, increasing their longevity and efficiency. The lens module is assembled mechanically for easy replacement. A flat lens is fixed on the cast aluminum frame. The lens is fully IP67 thanks to the silicone gasket. The high efficiency LED circuit is mechanically assembled on the heat sink. The lifetime of the LEDs is 100,000 hours. It is based on the LM-80 test and extrapolated with TM-21. This data is calculated when 50% of the LEDs produce 70% of their initial luminous flux (L70). The minimum color rendering index (CRI) is 70. The lenses are made of acrylic and designed to illuminate only where needed while achieving excellent uniformity with maximum spacing. The type according to IES

Driver Module: The self-adjusting Class 1 (50W and over) or Class 2 (20 to 40W) driver is removable without tools.

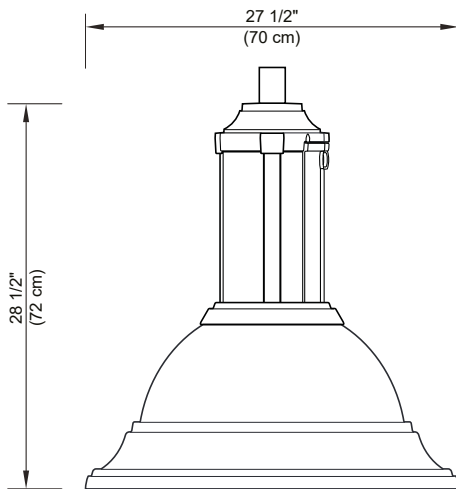
Primary Voltage of Volts, 50 / 60Hz, THD max 20%. The high power factor is of 90%. The operating temperature is from -40° F (-40° C) to 130° F (55° C). Complies with ROHS. Assembled with quick-disconnect connectors. Complete with 10kA tripolar overvoltage protection for live, neutral and ground lines according to IEEE / ANSI C62.41 2002 C. The driver offers 0-10 Volts output.

Wiring / Hardware: Type TEW 14-7, 12" (30cm) minimum exceeding luminaire. All electrical connections between the modules are provided with quick-disconnect connectors for easy maintenance. All outside accessible hardware accessible is stainless steel.

Silicone gaskets are used for sealing the luminaire.

Color: . Textured or Smooth (SM) finish. The application of durable polyester powder coating meets AAMA 2604 requirements (5 years at all weather conditions). The finish meets ASTM G7, B117, D1654 and D2247 standards for salt spray and moisture.

Cyclone recommends a textured finish for this product.

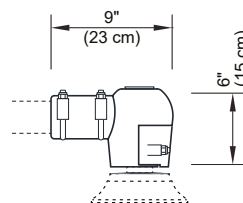


EPA: 2.10 ft²

Weight: 44 lbs / 20 kg

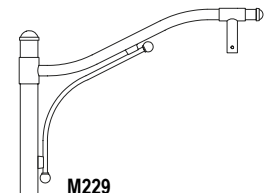
ADV

Optional Side Mount Fitter
Designed to fit at the end of
as 2 3/8" arm
Automatically levels the
luminaire



Suggested Mountings

See Mounting Specification Sheets for details



Stamp/Approval:

Name:

Date:

Name:

Date:

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Ordering Template

Model	Lens	Dist.	Performance Package	CCT	Volt	Adaptor	Ph Cell	Options	Color	Texture	Op. Fin.
CY55P1A	FGC	2	20W (2600LM)	3K	120-277	NONE	NONE	NONE	BK	TX	MG
		2HS	30W (3700LM)	4K	347-480	ADV	PT ¹	FDP506	DG	SM ²	
	FGF	3	40W (4800LM)		120	ADP	PX ¹	FDP508	MA		
		3HS	50W (6000LM)		208		PTL ¹	SD	SI ²		
		3M	60W (7300LM)		240		PTDR ¹		BZ		
		3MHS	80W (9700LM)		277				BG		
		4	100W (12200LM)		347				GM		
		4HS	120W (14700LM)		480				PG		
		5	140W (16300LM)						WH		
	160W (18600LM)										
			200W (23200LM)								

¹ Only one of these options can be selected.
² PT/PTL: Not available with MVOLT/HVOLT.

Ordering Code

References

Lens

- FGC** Flat Glass Clear
FGF Flat Glass Frosted

Distribution

- 2** Type 2
2HS Type 2 with House Shield
3 Type 3
3HS Type 3 with House Shield
3M Type 3 Medium
3MHS Type 3 Medium with House Shield
4 Type 4
4HS Type 4 with House Shield
5 Type 5

See Photometric data document for photometric tables.

CCT

- 3K** 3000K
4K 4000K

Watt

See Photometric Data document for lumen output per distribution and lens.

Volts

- 120-277** MVOLT 120-277VAC
347-480 HVOLT 347-480VAC

Adaptor

- None** Fits into Ø 2" I.D. X 4" long tenon
ADV Side mount fitter
ADP Pendant self leveling fitter

Photocell

- PT** Photocell W/7-PIN receptacle (ANSI C136.41)
PX Shorting cap W/7-PIN receptacle (ANSI C136.41)
PTL Long life photocell W/7-PIN receptacle (ANSI C136.41)
PTDR 7-PIN receptacle (ANSI C136.41)

Options

- FDP506** Program 50% for 6 hours (9PM to 5AM)
FDP508 Program 50% for 8 hours (9PM to 5AM)
SD* Field adjustable 10% increment step-dimming switch

* Contact factory for wireless controls and more information regarding SD option.

Color

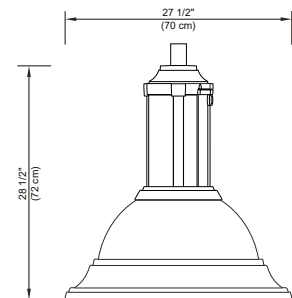
- BK** Black RAL9005
DG Dark green RAL6012
MA Marine blue RAL5013
SI Metallic silver RAL9006 (smooth only)
BZ Dark bronze RAL8019
BG Burgundy RAL3005
GM Moss green RAL6005
PG Pale grey RAL7040
WH White RAL9003

Texture

- TX** Textured
SM Smooth

Op. Fin. (Optional finish)

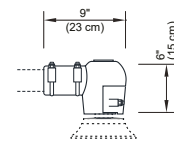
- MG** Marine grade pre-finish.



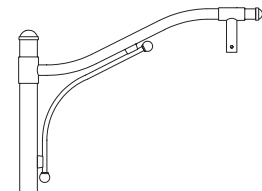
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