cyclone

Project: **Order:**

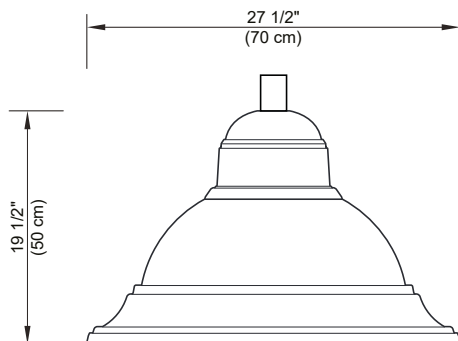**Qty:**   **Luminaire:**   **Type:**

Tenon Details: Round shape, made of one-piece cast A356 aluminum. An interior border makes it possible to fix the frame module. The certification, maintenance and coding labels of the luminaire are located inside de housing 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 in   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.
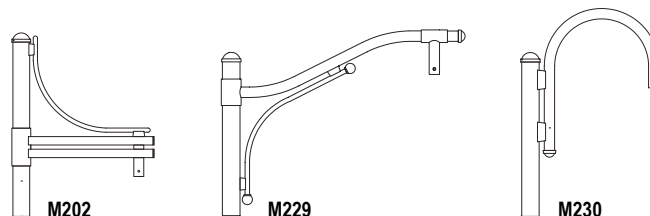
Color: . Textured or Smooth (SM)   finish. The application of durable polyester powder coating meets AAMA 2604 requirements (5 years at all weather conditions). The finish meets ASTM G7, B117, D1654 and D2247 standards for salt spray and moisture.
Cyclone recommends a textured finish for this product.

27 1/2"
(70 cm)

19 1/2"
(50 cm)

EPA: 1.61 ft²   **Weight:** 52 lbs / 24 kg

Suggested Mountings
See Mounting Specification Sheets for details

M202   **M229**   **M230**

Stamp/Approval:

Name: **Date:**

Name:

Date:

Page 1 of 2

Cyclone Lighting: 2175 Des Entreprises Blvd, Terrebonne (QC) Canada J6Y 1W9
Phone: 450.434.5000 - info@cyclonelighting.com

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Project: **Order:**

Qty: **Luminaire:**   **Type:**

Ordering Template

Model	Lens	Dist.	Performance Package	CCT	Volt	Adaptor	Ph Cell	Options	Color	Texture	Op. Fin.
CY55P1B	FGC	2	20W (3300LM)	3K	120-277	NONE	NONE	NONE	BK	TX	MG
	FGF	2HS	30W (4300LM)	4K	347-480		PC	ADV	DG	SM [1]	
		3	40W (5600LM)		120			FDP506	MA		
		3HS	50W (6900LM)		208			FDP508	SI [1]		
		3M	60W (7900LM)		240			SD	BZ		
		3MHS	80W (10500LM)		277				BG		
		4	100W (13900LM)		347				GM		
		4HS	120W (15500LM)		480				PG		
		5							WH		

[1] Not available for 480V.

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

Photocell
PC   Button-type photocell

Options
ADV   Side Mount Fitter
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.
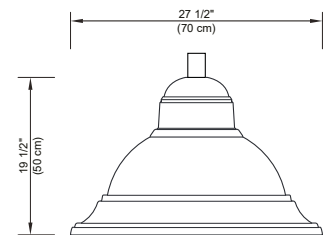
Color
BK   Black RAL9005
DG   Dark green RAL6012
MA   Marine blue RAL5013
SI   Metallic silver RAL9006 (smooth only)
BZ   Dark bronze RAL8019
BG   Burgundy RAL3005
GM   Moss green RAL6005
PG   Pale grey RAL7040
WH   White RAL9003

Texture
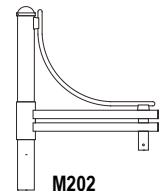**TX**   Textured
SM   Smooth

Op. Fin. (Optional finish)
MG   Marine grade pre-finish.
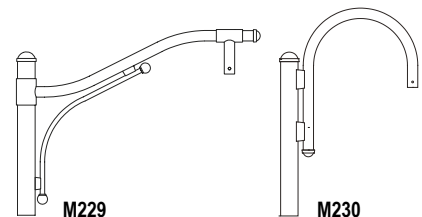
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EPA: 1.61 ft²   **Weight:** 52 lbs (24 kg)

Suggested Mountings
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M202

M229   **M230**

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