

CM T8

Features and Specifications

Applications

Superior performance in a variety of interior applications, including commercial, warehouse, distribution, and industrial facilities.

Construction

Durable, lightweight body, frame, and ballast channel are constructed of aluminum alloy. Patented I-Frame design optimizes thermal management. 95% fixture efficiency.

Certification & Listing

- UL Listed for damp locations.

Electrical

Prewired. Instant and program start ballasts available. Lamp holders constructed of 100% PBT, glass-filled poly. Orion's Platform Connector meets NEC requirements for a cord pendant connected luminaire.

Reflectors

Patented, optically efficient parabolic Alanod Miro-4 reflector. 95% total reflectance.

Warranty

Orion fixtures are covered by a one-year limited warranty. Accessories and individual components are covered by separate OEM supplier warranties.



Required Ordering Information

1 Select _____	
Series	
CMP	Compact Modular Fixture, Platform Connection
CM	Compact Modular Fixture, Hardwire Connection

4 Select _____	
Ballast Type	
(blank)	Instant Start
PS	Program Start
PI	1 Program Start, 1 Instant Start
347	347v Instant Start
PS347	347v Program Start
SD	Step Dimming

7 Select _____	
Optics	
(blank)	Miro-4 High Bay
LB	Low Bay

2 Select _____	
# of Lamps	
2	2 Lamp T8
4	4 Lamp T8
6	6 Lamp T8
8	8 Lamp T8

5 Select _____	
Switching	
(blank)	Full Switching
DS	Dual Switching

8 Select _____	
Lamp Type	
(blank)	850 Lamps*
841	841 Lamps*
*Add "HL" to Lamp Type suffix for High Lumen Add "SR" to Lamp Type suffix for Shatter Resistant. Add "HLSR" to Lamp Type suffix for High Lumen Shatter Resistant.	

3 Select _____	
Power Connection	
(blank)	Platform Connection
HPHW	High Performance Hardwire

6 Select _____	
Battery Back-Up	
BB	277v 700 Lumen Battery Back-up
120BB	120v 700 Lumen Battery Back-up
1400BB	277v 1400 Lumen Battery Back-up
1201400BB	120v 1400 Lumen Battery Back-up

9 Select _____	
Adjustable Hanging (Optional)	
-31A	25-31" adjustable hanger
-37A	31-37" adjustable hanger
-46A	40-46" adjustable hanger

Options (Sold Separately)

Controls

- End mounted sensor options available
- 480V Transformer
- TRBX001-G (Use only with Orion Controls)

Hanging

- OESH108RA
- OESH101BRA
- FMCM-KIT
- ECAB19
- ECAB31
- Rigid Mount Hardware: H120SET: Rigid Mount Brackets

Power Cord

- PS0780: 6' Whip w/4-pin Connector for Non-dimming or DCD
- PS0781: 11' Whip w/4-pin Connector for Non-dimming or DCD



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Physical and Performance Information¹

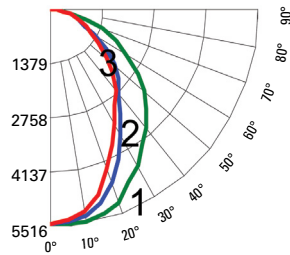
Series	Lamps	Input Voltage	Wattage Consumed	Length	Width	Depth	Weight (without lamps) ²
CM/CMP	2 Lamps	120-277v	73w	48.15"	6.5"	3.0"	4.5 lbs.
CM/CMP	4 Lamps	120-277v	145w	48.15"	11.73"	3.0"	6.4 lbs.
CM/CMP	6 Lamps	120-277v	218w	48.15"	17.0"	3.0"	7.9 lbs.
CM/CMP	8 Lamps	120-277v	290w	48.15"	22.2"	3.0"	10.5 lbs.

Photometrics¹

CMP2 Lumen Summary

(IES Test Report # 14287.0)

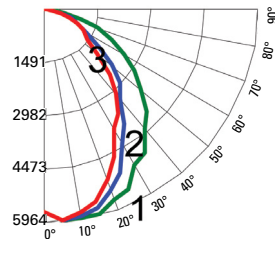
LCS Zone	Lumens	% Luminaire
(0-30)	1950	33.4
(0-40)	3010	51.5
(0-60)	4976	83.5
(0-90)	5843	100.0
Total Luminaire	5843	100.0



CMP4 Lumen Summary

(IES Test Report # 12974.1)

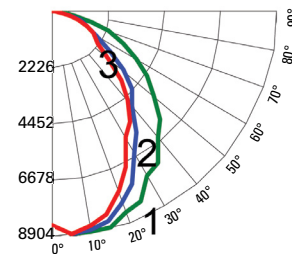
LCS Zone	Lumens	% Luminaire
(0-30)	4540	34.3
(0-40)	7109	53.7
(0-60)	11315	85.4
(0-90)	13245	97.6
Total Luminaire	13245	100.0



CMP6 Lumen Summary

(IES Test Report # 12975.1)

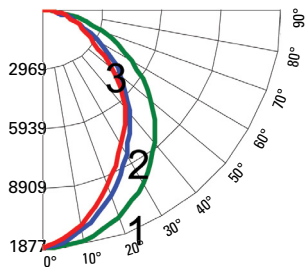
LCS Zone	Lumens	% Luminaire
(0-30)	6561	33.5
(0-40)	10277	52.5
(0-60)	16633	84.9
(0-90)	19582	100.0
Total Luminaire	19582	100.0



CMP8 Lumen Summary

(IES Test Report 12976.1)

LCS Zone	Lumens	% Luminaire
(0-30)	8546	31.5
(0-40)	13380	49.3
(0-60)	21957	80.9
(0-90)	25965	95.7
Total Luminaire	25965	100.0



Photometric Key

Vertical Plane Through:

- 1: 0–180 Horizontal
- 2: 45–225 Horizontal
- 3: 90–270 Horizontal

Additional Specification Information

¹ Actual performance may vary by up to $\pm 10\%$ of values listed

² Additional weight for 347v or 480v with transformer