

T8 Compact Modular Fixture Series

CM

Features and Specifications

Applications

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

Certification

UL Listed for damp locations.

Construction

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

Reflectors

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

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.

Warranty

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



CM T8 6-Lamp Shown

Required Ordering Information

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

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

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

| | |
|---------------------|----------------------------------|
| 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 |

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

| | |
|------------------------|---------------------------------|
| 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 |

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

| | |
|---|------------|
| 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. | |

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

Options (must be ordered separately)

Controls



- Basic motion sensor series with multiple configuration options
- Smart motion sensor series with zonal controls for general, task, aisle, and endcap applications
- Wireless Integrated System
- Time-of-day scheduling
- Ambient light sensing (contact Customer Service)

*347|480v application requires TRBX transformer

347|480V Transformer
TRBX004G

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

Hanging

OESH108RA
OESH101BRA
FMCM-KIT
ECAB19
ECAB31



800-660-9340

www.oesx.com

NYSE MKT: OESX

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Orion Energy Systems

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. |

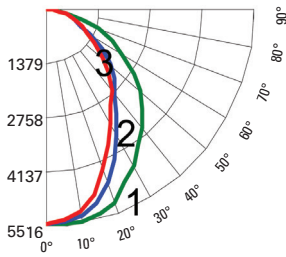
Photometrics¹: Lumen Summaries and Candela Graphs.

Photometric information on other configurations available upon request.

CMP2 Lumen Summary

(IES Test Report # 14287.0)

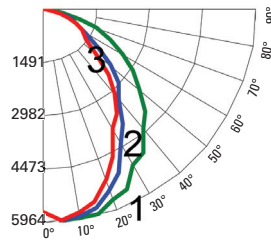
| LCS Zone | Lumens | % Luminaire |
|-----------------|--------|-------------|
| (0-30) | 1950 | 33.4 |
| (0-40) | 3010 | 51.5 |
| (0-60) | 4976 | 83.5 |
| (0-90) | 5843 | 100.0 |
| Total Luminaire | 5843 | 100.0 |



CMP4 Lumen Summary

(IES Test Report # 12974.1)

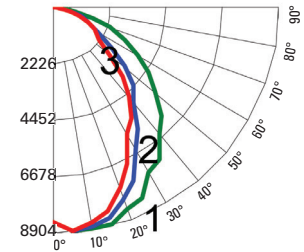
| LCS Zone | Lumens | % Luminaire |
|-----------------|--------|-------------|
| (0-30) | 4540 | 34.3 |
| (0-40) | 7109 | 53.7 |
| (0-60) | 11315 | 85.4 |
| (0-90) | 13245 | 97.6 |
| Total Luminaire | 13245 | 100.0 |



CMP6 Lumen Summary

(IES Test Report # 12975.1)

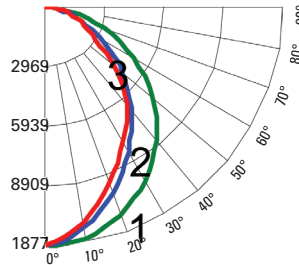
| LCS Zone | Lumens | % Luminaire |
|-----------------|--------|-------------|
| (0-30) | 6561 | 33.5 |
| (0-40) | 10277 | 52.5 |
| (0-60) | 16633 | 84.9 |
| (0-90) | 19582 | 100.0 |
| Total Luminaire | 19582 | 100.0 |



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 |



Vertical Plane Through:

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

Additional Specification Information:

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

²Additional weight for 347v or 480v with transformer



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