

Orion Energy Systems

Compact Modular Fixture Series

T8 technology

Features

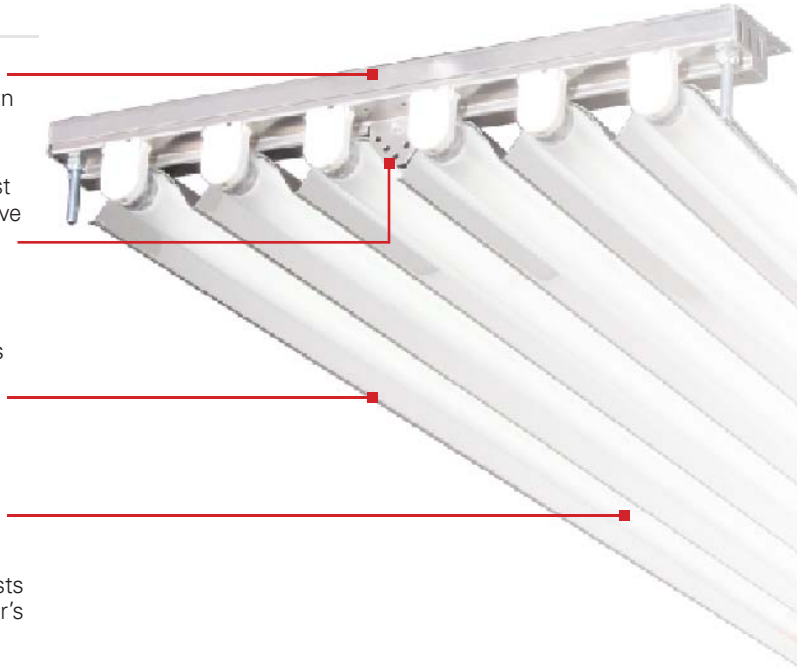
CONSTRUCTION Durable, lightweight body, frame, and ballast chamber is constructed of aluminum alloy. Patented I-Frame design optimizes thermal management.

THERMAL MANAGEMENT Optimum lumen output, lamp and ballast life is ensured by effectively managing heat. Aluminum conducts heat five times more efficiently than steel, allowing for conductive heat transfer. Convective heat transfer occurs when differential temperature drives convective air flow to cool ballast through the vents.

OPTICAL EFFICIENCIES Patented continuous roll-forming process produces a patented parabolic shape with no facets or bends to maximize optical performance at the work plane. The reflector system is constructed of Alanod Miro 4 with 95% total reflectivity.

LAMPS Fixtures ship with quality CEE-registered, high-lumen lamps. Lamp holders constructed of 100% PBT, glass-filled poly.

WARRANTY Five-year OEM warranty for fluorescent electronic ballasts and three- to five-year lamp warranty based on OEM and purchaser's defined application environment.



MODULAR POWER SUPPLY

Flanged surface inlet to accommodate modular power supply and various control devices.



MOUNTING Quick hang-and-align design with the Rapid Mount hanging system. All hanging options allow toolless installation and removal.



CONTROLS Plug-and-play and programmable proprietary wireless energy management controls available including ambient light sensor, power sensing unit, motion sensor, analog converter, etc.

Code Compliance



NATIONAL ELECTRIC CODE Interior lighting system in accordance with NECA/IESNA 500 for commercial installations and 502 for industrial installations. Power supply connection compliant with NED 410.62(c)3 standard. Meets NEC ballast disconnect requirement of NEC 410.73G.



UNDERWRITERS LABORATORY UL 542 - Lampholders, Starters, and Starter Holders for Fluorescent Lamps; UL 935 - Fluorescent Lamp Ballasts Product Categories; UL 1598 - Luminaires; Ballasts UL Listed, Class P, Type 1; Sound Rated Class A, with THD of 20% or less.



800-660-9340

www.oesx.com

NYSE Amex: OESX

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Specifications

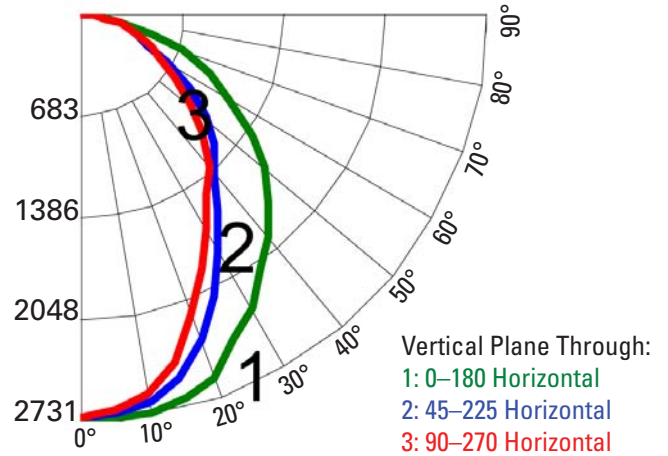
Series	Lamps	Wattage Consumed	Length	Width	Depth	Weight (without lamps) ¹
CMP	2 Lamps	73 @ 277v	48.15"	6.5"	3.0"	4.5
CMP	4 Lamps	145 @ 277v	48.15"	11.73"	3.0"	6.4
CMP	6 Lamps	218 @ 277v	48.15"	17.0"	3.0"	7.9
CMP	8 Lamps	290 @ 277v	48.15"	22.2"	3.0"	10.5

¹ Additional weight for 480v with transformer

Photometrics

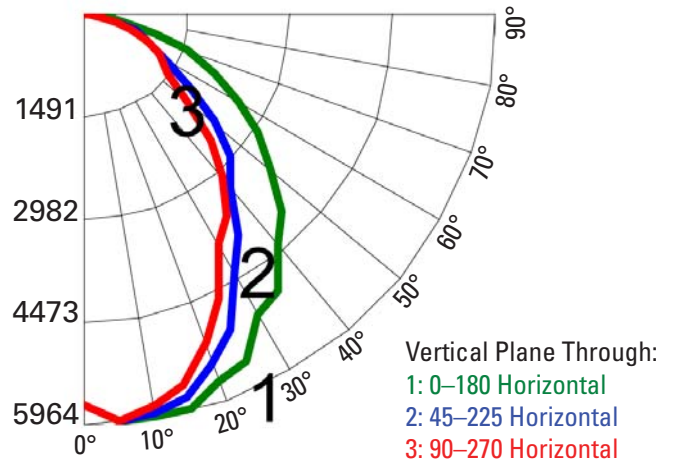
CMP2 Lumen Summary

LSC Zone	Lumens	% Lamp	% Luminaire
FL (0-30)	988.2	15.1	16.6
FM (30-60)	1485.8	22.7	25.0
FH (60-80)	452.8	6.9	7.6
FVH (80-90)	43.8	0.7	0.7
BL (0-30)	988.2	15.1	16.6
BM (30-60)	1485.8	22.7	25.0
BH (60-80)	452.8	6.9	7.6
BVH (80-90)	43.8	0.7	0.7
UL (90-100)	0.0	0.0	0.0
UH (100-180)	0.0	0.0	0.0
Total	5941.2	90.8	100.0



CMP4 Lumen Summary

LSC Zone	Lumens	% Lamp	% Luminaire
FL (0-30)	2154.4	16.4	17.0
FM (30-60)	3237.2	24.7	25.5
FH (60-80)	891.4	6.8	7.0
FVH (80-90)	67.1	0.5	0.5
BL (0-30)	2154.4	16.4	17.0
BM (30-60)	3237.2	24.7	25.5
BH (60-80)	891.4	6.8	7.0
BVH (80-90)	67.1	0.5	0.5
UL (90-100)	0.0	0.0	0.0
UH (100-180)	0.0	0.0	0.0
Total	12700.2	96.8	100.0



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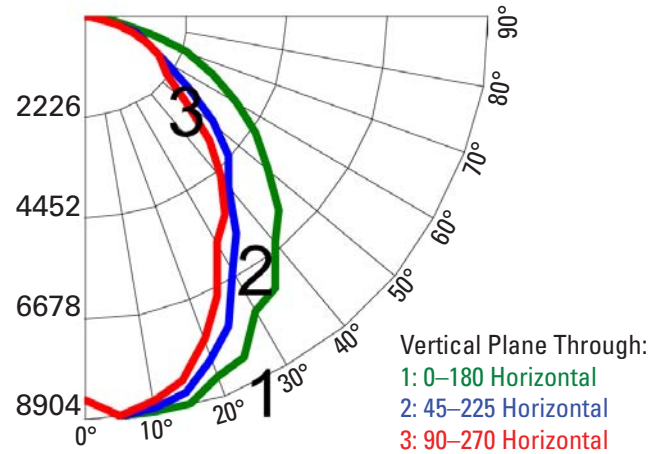


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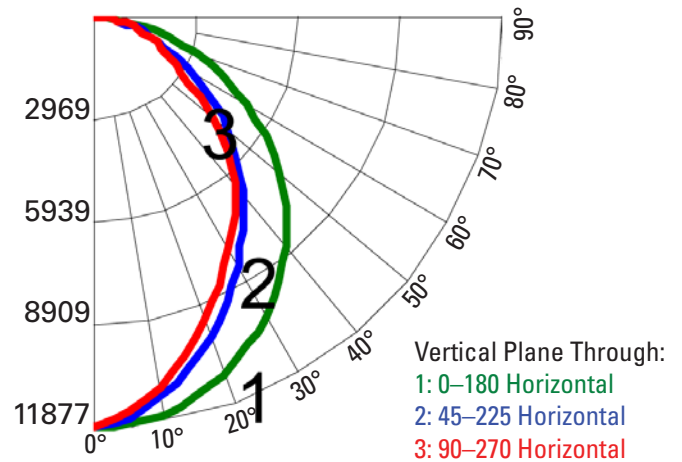
CMP6 Lumen Summary

LSC Zone	Lumens	% Lamp	% Luminaire
FL (0-30)	3288.8	15.9	16.6
FM (30-60)	5077.3	24.5	25.6
FH (60-80)	1423.1	6.9	7.2
FVH (80-90)	114.0	0.6	0.6
BL (0-30)	3288.8	15.9	16.6
BM (30-60)	5077.3	24.5	25.6
BH (60-80)	1423.1	6.9	7.2
BVH (80-90)	114.0	0.6	0.6
UL (90-100)	0.0	0.0	0.0
UH (100-180)	0.0	0.0	0.0
Total	19806.4	95.8	100.0



CMP8 Lumen Summary

LSC Zone	Lumens	% Lamp	% Luminaire
FL (0-30)	3992.7	14.5	16.0
FM (30-60)	6398.7	23.2	25.7
FH (60-80)	1897.1	6.9	7.6
FVH (80-90)	150.1	0.5	0.6
BL (0-30)	3992.7	14.5	16.0
BM (30-60)	6398.7	23.2	25.7
BH (60-80)	1897.1	6.9	7.6
BVH (80-90)	150.1	0.5	0.6
UL (90-100)	6.6	0.0	0.0
UH (100-180)	1.2	0.0	0.0
Total	24885.0	90.2	100.0



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