ENVIROPRO™

EPMP SERIES

LED Recessed Top Access High Output Luminaire for IMP Ceilings

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

» Multiple optical options for efficient lighting with superior glare control

» Designed for 4" Insulated Metal Panel (IMP) ceilings

» Top access from a walkable ceiling with removable electrical assembly for ease of maintenance



SPECIFICATIONS:

HOUSING: Hole-free, seam-welded construction in 16-gauge cold-rolled steel (CRS). White TGIC polyester powder coat finish with 5 step pre-treatment; laboratory salt spray test: 1,000 hours. Designed for 4" IMP ceilings (other ceiling thicknesses available). Robust construction resists damage from inadvertent foot traffic (not intended for walking conditions).

TOP ACCESS DOOR: Removable electrical assembly is gasketed and secured by captive fasteners allows for simple installation and servicing. Multiple return fabrication for strength with two handles provided for easy handling.

LENS FRAME/TRIM: Overlapping design hides ceiling cutout imperfections. One-piece construction with gloss-white TGIC powder coated 18-gauge CRS or type 304 stainless steel with post-fabrication #4B finish. Replaceable lens frame secured to housing with (8) concealed fasteners.

OPTICAL: Narrow, Medium and Wide optical distribution patterns. 0.125" impact-modified acrylic (PMMA) outer lens continuously sealed to perimeter of lens frame with closed-cell extruded silicone gasket. Available frost acrylic (FA) and clear textured acrylic (TA) lens options provide enhanced glare control.

GASKET MATERIAL: One-piece closed cell extruded silicone gasket seals lens frame to housing and ceiling structure. Closed cell gaskets seal top access door to housing.

ELECTRICAL: Replaceable high-brightness LED array. See Ordering Information for color temperature options. Maximum 5-step MacAdam variation allowance. 70CRI minimum. 120/277VAC, 50/60Hz input with replaceable high power factor electronic, constant-current driver (<20% THD, >0.90 PF). Minimum 90% driver efficiency. Standard 0-10V dimming with 5-100% dimming range with dim-to-dark capabilities @ 0V (100µA maximum source current). EMC performance compliant to FCC CFR Part 15, Class B.

INSTALLATION: Rigid thru-ceiling sleeve secured to room-side lens frame. Electrical assembly mounting collar secures to sleeve with screws for consistent and secure compression of ceiling panels. One ½" trade size electrical power entry point. Suitable for direct contact with foam and metal components of an IMP ceiling system when properly installed. Optional externally-mounted emergency lighting pack rated for 90 minute operation. Suitable for ambient temperature applications from -40°C (-40°F) to 30°C (86°F), unless otherwise noted. See dimensional data for ceiling cutout size (page 3).

WARRANTY: Limited five (5) year LED warranty.

LISTINGS: Luminaire is certified to UL Standards by Intertek Testing Laboratory for Wet Location and non-IC, marked spacing (36" x 36" x 24") installations. IP66 rating per IEC60598. NSF2 listed for food processing areas.

LED · ETL · IP66 · NSF

ORDERING INFORMATION (Ex: EPMP-2424-250L-40K7-DIM5-277-2F-2H-FA-M-LEL)

Model	Size	Lamp Power	Lamp Color	Driver Type	Voltage	Doorframe	Housing	Lens	Distribution Type	Options
EPMP				**DIM5**			**2H**			

Model
EPMP EnviroPro for IMP Ceilings

Size▲
1722 17"×22" Nominal
2424 24"×24" Nominal

Lamp Power
184L 184 Watt LED
250L 250 Watt LED

Lamp Color
35K8 3500K/80 CRI min.
40K7 4000K/70 CRI min.
40K8 4000K/80 CRI min.
50K7 5000K/70 CRI min.
50K8 5000K/80 CRI min.

Driver Type
DIM5 0-10V Dimming to 5%

Voltage
120 120 Volts
277 277 Volts

Doorframe Options
2F 18-Ga CRS (STD)
5F 18-Ga Type 304 SS

Housing Options
2H 16-Ga CRS

Lens Type
CA* Clear Acrylic
FA* Frosted Acrylic
TA† Textured Acrylic

Distribution Type
N Narrow
M Medium
W Wide

Options
LEL Integral 20W Emergency Battery Pack(0°C min. battery ambient)
FS Fuse & Holder
AMF Anti-Microbial Finish on Doorframe (Type 2F only)

* n/a with W Distribution Type
† Only available with W Distribution Type
▲ See dimensional data for ceiling cutout size (page 3)

This product is able to comply with the latest domestic preference legislation, such as the Buy American Act (BAA), Trade Agreement Ace (TAA), Build America, Buy America Act (BABA), and others. It may be covered by patents found at www.kenall.com/patents.Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2025 Kenall Mfg.Co.

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PERFORMANCE

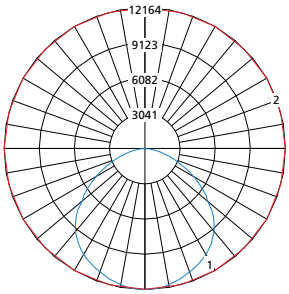
Size	Lamp Code	Initial Delivered Lumens, By Optic Type (lm)					Efficacy (lm/W)	Input Power (W)	Estd. L_{70} LED Life (Hrs)
		TA-W	CA-M	FA-M	CA-N	FA-N			
1722	184L-50K7	25,743	26,657	25,800	28,258	27,923	123 - 135	209	125,000
	184L-50K8	24,487	25,357	24,541	26,879	26,561	117 - 129		
	184L-40K7	25,743	26,657	25,800	28,258	27,923	123 - 135		
	184L-40K8	23,231	24,057	23,283	25,501	25,199	111 - 122		
	184L-35K8	21,818	22,594	21,867	23,950	23,666	105 - 115		
	250L-50K7	31,766	32,895	31,837	34,870	34,457	118 - 130	269	90,000
	250L-50K8	30,217	31,291	30,284	33,169	32,776	112 - 123		
	250L-40K7	31,766	32,895	31,837	34,870	34,457	118 - 130		
	250L-40K8	28,667	29,686	28,731	31,468	31,095	107 - 117		
	250L-35K8	26,924	27,881	26,984	29,554	29,204	100 - 110		
2424	184L-50K7	29,239	30,466	29,368	30,689	30,145	140 - 147	209	125,000
	184L-50K8	27,813	28,980	27,935	29,192	28,674	133 - 140		
	184L-40K7	29,239	30,466	29,368	30,689	30,145	140 - 147		
	184L-40K8	26,386	27,494	26,503	27,695	27,204	126 - 133		
	184L-35K8	24,782	25,822	24,891	26,011	25,549	119 - 125		
	250L-50K7	36,094	37,609	36,253	37,885	37,212	134 - 141	269	90,000
	250L-50K8	34,334	35,774	34,485	36,037	35,397	128 - 134		
	250L-40K7	36,094	37,609	36,253	37,885	37,212	134 - 141		
	250L-40K8	32,573	33,940	32,716	34,189	33,582	121 - 127		
	250L-35K8	30,592	31,876	30,727	32,110	31,540	114 - 119		

SPACING CRITERIA, BY OPTIC TYPE

Size	TA-W	CA-M	FA-M	CA-N	FA-N
1722	1.28 / 1.20	1.26 / 1.18	1.20 / 1.14	0.50 / 0.50	0.74 / 0.74
2424	1.30 / 1.32	1.32 / 1.32	1.24 / 1.22	0.50 / 0.50	0.76 / 0.76

Displayed information is for selected luminaires only. Information subject to change without notice. Visit www.kenall.com for .ies files and additional information.

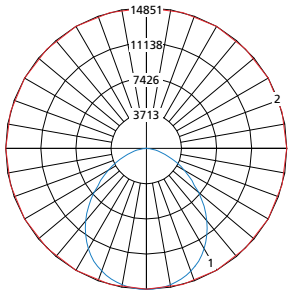
Model: EPMP-2424-250L-50K7-DIM5-277-2F-2H-TA-W



Max Candela = 12164 Located At Horizontal Angle = 0, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

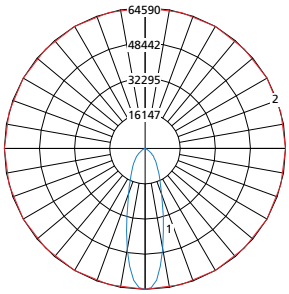
Model: EPMP-2424-250L-50K7-DIM5-277-2F-2H-FA-M



Max Candela = 14851 Located At Horizontal Angle = 0, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

Model: EPMP-2424-250L-50K7-DIM5-277-2F-2H-CA-N



Max Candela = 64590 Located At Horizontal Angle = 0, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

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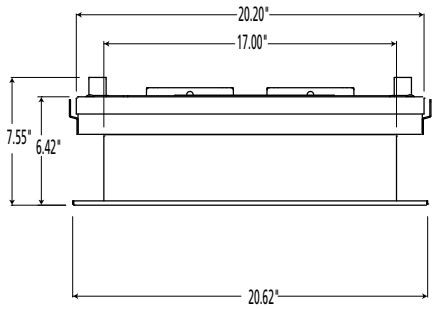
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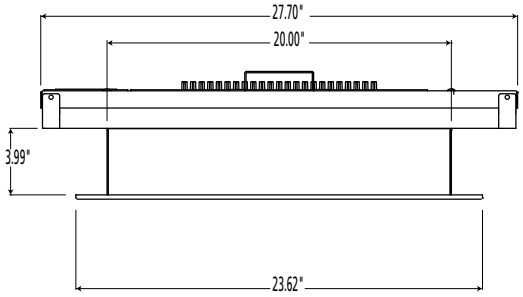
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DIMENSIONAL DATA

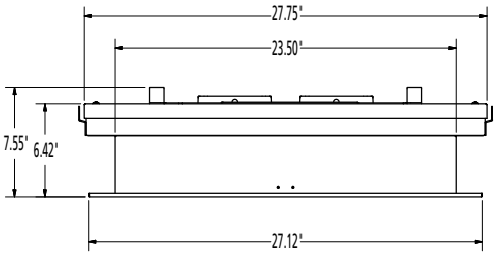
EPMP-1722

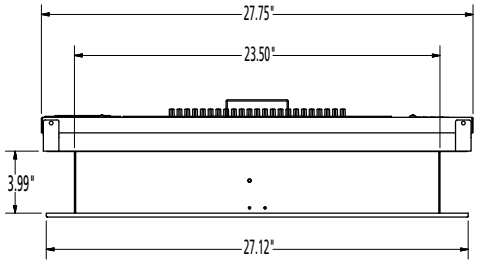




Ceiling Cutout: 17.50" x 20.50"

EPMP-2424





Ceiling Cutout: 24.00" x 24.00"

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