

ENVIROPRO™

EPMP SERIES

LED Recessed Top Access High Output Luminaire for IMP Ceilings

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



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

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 1/2" trade size electrical power entry point. 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.



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	EnviroPro for IMP Ceilings			Driver Type	DIM5 0-10V Dimming to 5%		Lens Type	CA* Clear Acrylic FA* Frosted Acrylic TA† Textured Acrylic		
Size^	1722 17" x 22" Nominal 2424 24" x 24" Nominal			Voltage	120 120 Volts 277 277 Volts		Distribution Type	N Narrow M Medium W Wide		
Lamp Power	184L 184 Watt LED 250L 250 Watt LED			Doorframe Options	2F 18-Ga CRS (STD) 5F 18-Ga Type 304 SS		Options	LEL Integral 20W Emergency Battery Pack (0°C min. battery ambient) FS Fuse & Holder AMF Anti-Microbial Finish on Doorframe (Type 2F only)		
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.			Housing Options	2H 16-Ga CRS		* n/a with W Distribution Type † Only available with W Distribution Type ^ See dimensional data for ceiling cutout size (page 3)			



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PERFORMANCE

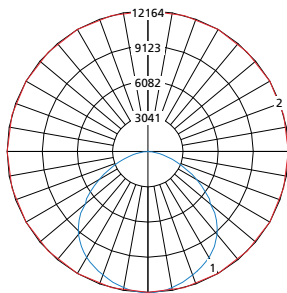
Size	Lamp Code	Initial Delivered Lumens, By Optic Type (lm)					Efficacy (lm/W)	Input Power (W)	Estd. L ₇₀ LED Life (Hrs)
		TA-W	CA-M	FA-M	CA-N	FA-N			
1722	184L-50K7	25,743	26,657	25,800	28,258	27,923	123 - 135	209	125,000
	184L-50K8	24,487	25,357	24,541	26,879	26,561	117 - 129		
	184L-40K7	25,743	26,657	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

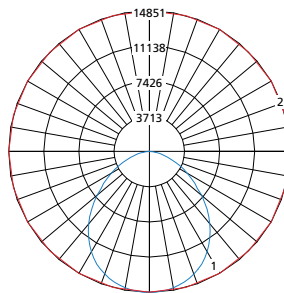
Displayed information is for selected luminaires only. Information subject to change without notice. Visit www.kenall.com for .ies files and additional information.

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



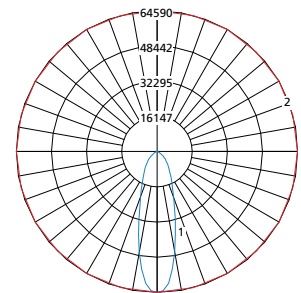
Max Candela = 12164 Located At Horizontal Angle = 0, Vertical Angle = 0
 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

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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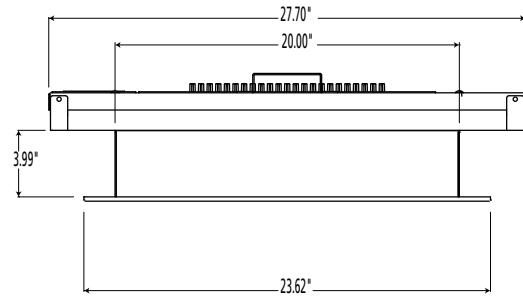
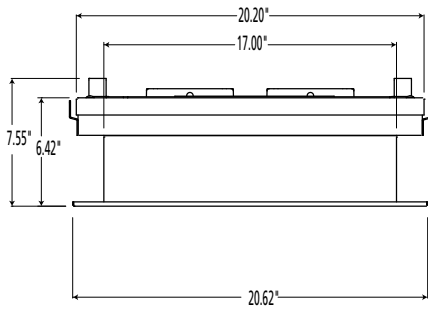
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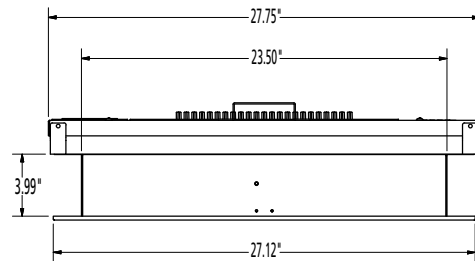
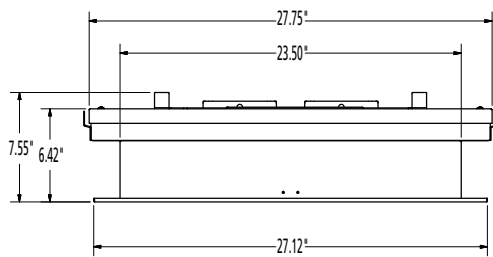
DIMENSIONAL DATA

EPMP-1722



Ceiling Cutout: 17.50" x 20.50"

EPMP-2424



Ceiling Cutout: 24.00" x 24.00"



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