

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

- » Surface wall mount – 24", 36" & 48" lengths
- » Multi-functional – ambient, exam and reading
- » Marine grade aluminum body with die-cast end caps
- » Lens with internal prisms, smooth exterior lens for ease of cleanability
- » Standard antimicrobial finish



SPECIFICATIONS

HOUSING: Marine grade aluminum body with die-cast end caps. Housing attached to mounted baseplate for wiring with integral swing hook. After wiring, housing swings closed; secured with countersunk fasteners. White TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours. Matte white antimicrobial finish standard on exposed surfaces of installed luminaire.

BASEPLATE: 16-gauge CRS baseplate provided with four-point (24" housing) or six-point (36" and 48" housing) mounting holes.

LENS: Linear Fluorescent: Clear UV-stabilized, high impact resistant, extruded linear DR/acrylic (50/50 blend). Smooth exterior, fluted interior. Nominal thickness .125". Lens securely positioned in body channels. LED: UV-stabilized, high impact resistant, extruded pearlescent polycarbonate. Smooth exterior, fluted interior. Nominal thickness .125". Lens securely positioned in body channels.

ELECTRICAL: LED: Available 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 3-100% range. LF: Fluorescent electronic 120/277/347V ballasts high power factor (<10% THD). One ballast for upper compartment and one ballast for lower compartment standard. Circuits supplied with quick connects/disconnects. See Ordering Information for optional equipment. Lamps by others.

LISTINGS: UL and CUL Listed for Damp Location. Certified by independent lab to meet OSHPD seismic loading standard. Pre-approved by OSHPD for installation in California healthcare facilities.



ORDERING INFORMATION (Ex: MPWF-24-MW-2/2-24-IS-120)

Model	Length	Finish	Lamp Configuration	Lamp Type	Ballast/Driver	Voltage	Options
MPWF							
Nominal Length		Lamp Configuration		Ballast/Driver Type		Options	
24	24"	2/2	2 Up/2 Down	DCC	Dimming Constant Current	DLNL*	LED Night Light w/Light Level Control, Left Side
36	36"	2/1	2 Up/1 Down	IS	Instant Start Electronic <10% THD (T8)	DLNR*	LED Night Light w/Light Level Control, Right Side
48	48"	1/2	1 Up/2 Down	RS	Rapid Start Electronic <10% THD (T8,T5,T5HO)	ES	Emergency Shut-Off Switch (120V rated)
		1/1	1 Up/1 Down	SB	Specified Ballast	FS	Fuse & Holder
Finish		Lamp Type		Voltage		HGO	
MW	Matte White (Antimicrobial finish)	2' Lengths		DV	120-277 Volts	Hospital Grade Grounded Outlet – 20A, 125V	
CC	Custom Color (Consult factory)	14	F14T5	120	120 Volts	PCC	
		17	F17T8	277	277 Volts	Pull Chain Center (4 position)(120V only)	
		24	F24T5HO	347	347 Volts (Consult Factory)	PCL	
		3' Lengths				Pull Chain Left (4 position)(120V only)	
		21	F21T5			PCR	
		25	F25T8			Pull Chain Right (4 position)(120V only)	
		39	F39T5HO			LVC*	
		4' Lengths				Low Voltage Controller (See Technical Sheet or consult factory for switching options)	
		45L35K†	45 Watt/45 Watt 3500K LED			RF*	
		45L40K†	45 Watt/45 Watt 4000K LED			Radio Frequency Filter (1 per circuit)	
		45L50K†	45 Watt/45 Watt 5000K LED			TN***	
		28	F28T5			Chart Light – 5/7/9 Watt PL (Lamp supplied by other)	
		32	F32T8			▲ n/a with 347V	
		54**	F54T5HO			■ n/a with LVC option	
						● LN and TN options n/a with HGO/LVC or RF/LVC option combinations	
						** Available in 1 Lamp Down configuration only	
						† 1/1 Lamp Configuration	
						●Note: Rocker Switch on each end of the fixture provided standard to turn night light on/off. When LVC option is chosen to control night light function, rocker switches are not provided.	

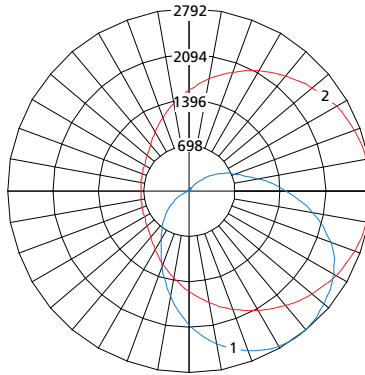


PERFORMANCE

Lamp Type	Orientation	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
45L/45L35K	Up & Down	7499	76	99	94	80,000
45L/45L40K	Up & Down	7995	81	99	94	80,000
45L/45L50K	Up & Down	8315	85	99	94	80,000
45L35K	Down	3788	77	49	94	80,000
45L40K	Down	4038	82	49	94	80,000
45L50K	Down	4200	85	49	94	80,000
45L/45L35K	Flipped	7499	76	99	94	80,000
45L/45L40K	Flipped	7995	81	99	94 </td <td>80,000</td>	80,000
45L/45L50K	Flipped	8315	84	99	94	80,000

Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available.

Model: MPWF-48-MW-1/1-45L40K-DCC-DV (Flipped)

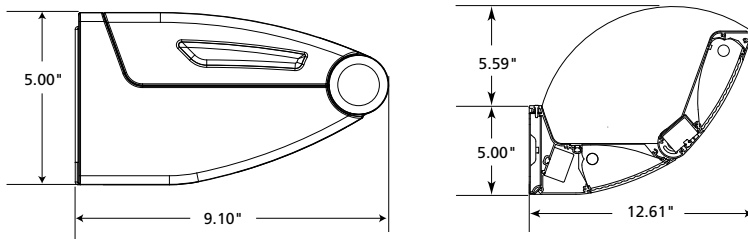


Maximum Candela = 2792 Located At Horizontal Angle = 0, Vertical Angle = 35

- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)

DIMENSIONAL DATA

CROSS SECTION



DIMENSIONAL DATA (IN INCHES)

	A	B	C	D	E	F
24" T5	3.25	7.38	2.63	20.00	24.34	5.00
24" T8/LED	3.25	7.38	2.63	20.00	25.90	5.00
36" T5	3.25	13.38	2.63	32.00	36.15	5.00
36" T8/LED	3.25	13.38	2.63	32.00	37.90	5.00
48" T5	3.25	19.38	2.63	44.00	47.94	5.00
48" T8/LED	3.25	19.38	2.63	44.00	49.90	5.00

BACK VIEW

