

# MEDMASTER™

## Patient Room Luminaires

### MPWF SERIES

#### PRODUCT FEATURES:

- » Wall-mounted, multi-function luminaire in 36" and 48" lengths
- » Luminaire provides Ambient Uplight and Reading Downlight functions. Flip luminaire open for Examination function
- » Extruded aluminum body with die-cast aluminum end-cap construction
- » High-output, high CRI LED lamp sources
- » Standard antimicrobial finish



#### PROJECT INFORMATION

Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Approved by \_\_\_\_\_

#### 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 six-point mounting holes.

**LENS:** UV-stabilized, high impact resistant, extruded pearlescent polycarbonate. Smooth exterior, fluted interior. Nominal thickness .125". Lens securely positioned in body channels. Lens securely positioned in body channels.

**ELECTRICAL:** **LED:** Available 3000K, 3500K and 4000K color temperatures, 82 CRI. 120-277VAC or 347VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 1-100% range with dim-to-dark capabilities (1-100% only with 347V); 330µA max. source current. **LE:** 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. Lamps by others. See Ordering Information for optional equipment. Optional LVC and LVCD provides a low-voltage patient interface, controlling the ambient, reading and optional night light functions with (LVCD) and without (LVC) dimming control.

**SENSOR & CONTROLS:** Optional sensor available with compatible third party controls. To see the full list of compatible controls, click [here](#).

**WARRANTY:** Limited five (5) year warranty.

**LISTINGS:** Certified to UL standard by Intertek Testing Laboratory for Damp Locations.



#### ORDERING INFORMATION (Ex: MPWF-48-MW-1/1-45L-35K8-DIM1-DV-LVCD)

Model	Length	Finish	Lamp Configuration	Lamp Power	Lamp Color	Driver/Ballast	Voltage	Options	
<b>MPWF</b>									
<b>Nominal Length</b>			<b>Lamp Power</b>			<b>Driver/Ballast Type</b>			
36	36"		<b>3' Lengths</b>			<b>DIM1</b>	0-10V Dimming to 1%	<b>Options</b>	
48	48"		<b>38L†</b>	38 Watt LED		<b>IS</b>	Instant Start Electronic <10% THD (T8)	<b>NLWL*</b>	2700K LED Night Light, Left Side
			<b>21^</b>	F21T5		<b>RS</b>	Rapid Start Electronic <10% THD (T8,T5,T5HO)	<b>NLWR*</b>	2700K LED Night Light, Right Side
			<b>25</b>	F25T8		<b>SB</b>	Specified Ballast	<b>NLAL*</b>	Amber LED Night Light, Left Side
			<b>39</b>	F39T5HO				<b>NLAR*</b>	Amber LED Night Light, Right Side
<b>Finish</b>			<b>4' Lengths</b>			<b>Voltage</b>			
<b>MW</b>	Antimicrobial Matte White		<b>45L†</b>	45 Watt LED		<b>DV</b>	120-277 Volts	<b>ES•</b>	Emergency Shut-Off Switch
<b>CC</b>	Custom Color (Consult factory)		<b>28</b>	F28T5		<b>120</b>	120 Volts	<b>FS</b>	Fuse & Holder
			<b>32</b>	F32T8		<b>347</b>	347 Volts	<b>HGO^</b>	Hospital Grade Grounded Outlet – 20A, 125V
			<b>54**</b>	F54T5HO				<b>PCC•</b>	Pull Chain Center (4 position)
<b>Lamp Configuration</b>			<b>Lamp Color (LED only)</b>						
<b>(Choose 1/1 for LED lamping)</b>			<b>30K8</b>	3000K / 82CRI min.				<b>PCL•</b>	Pull Chain Left (4 position)
2/2	2 Up/2 Down		<b>35K8</b>	3500K / 82CRI min.				<b>PCR•</b>	Pull Chain Right (4 position)
2/1	2 Up/1 Down		<b>40K8</b>	4000K / 82CRI min.				<b>LVC^</b>	Low Voltage Controller (Click <a href="#">here</a> for specifications)
1/2	1 Up/2 Down							<b>LVCD^</b>	Low Voltage Controller with Dimming (Click <a href="#">here</a> for specifications)
1/1	1 Up/1 Down								

▲ n/a with 347V or fluorescent lamping  
 • 120V only  
 \*\* Available in 1 Lamp Down configuration only  
 † 1/1 Lamp Configuration  
 ^ n/a with LED Lamp Type

\*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. Not available with 347V input or fluorescent lamping.

**ACCESSORIES ORDERED SEPARATELY**  
**MPWS** Low Voltage Wall Switch (Click [here](#) for Specifications)

Patient Room Luminaires

**MPWF SERIES**

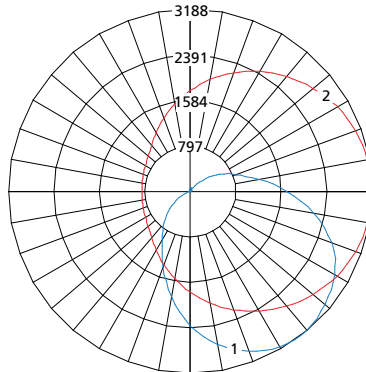
**PERFORMANCE**

Initial Delivered Lumens, by CCT (lm)

Mode	Lamp Power	30K8	35K8	40K8	Efficacy (lm/W)	Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
Up & Down	38L	8,597	8,862	9,165	98 - 104	88	100	80,000
Down Only		4,304	4,438	4,589	97 - 104	44	100	80,000
Flipped		8,459	8,721	9,018	96 - 102	88	100	80,000
Up & Down	45L	9,202	9,486	9,810	99 - 105	93	100	80,000
Down Only		4,608	4,750	4,912	98 - 105	47	100	80,000
Flipped		9,055	9,335	9,653	97 - 104	93	100	80,000

Information subject to change without notice. Visit [www.kenall.com](http://www.kenall.com) for IES files and additional information.

Model: MPWF-48-MW-1/1-45L-40K8-DIM1-DV (Flipped)

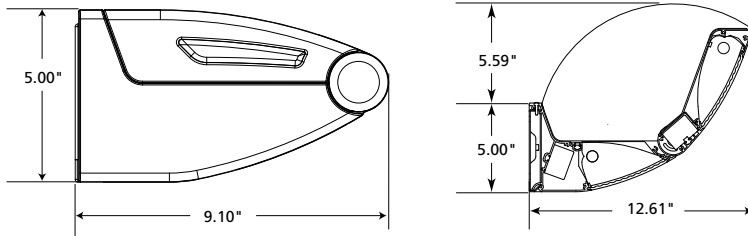


Maximum Candela = 3188 Located At Horizontal Angle = 0, Vertical Angle = 32.

- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (32.5) (Through Max. Cd.)

**DIMENSIONAL DATA**

**CROSS SECTION**



**DIMENSIONAL DATA (IN INCHES)**

	A	B	C	D	E	F
<b>36" T5</b>	3.25	13.38	2.63	32.00	36.15	5.00
<b>36" T8/LED</b>	3.25	13.38	2.63	32.00	37.90	5.00
<b>48" T5</b>	3.25	19.38	2.63	44.00	47.94	5.00
<b>48" T8/LED</b>	3.25	19.38	2.63	44.00	49.90	5.00

**BACK VIEW**

