

# 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 LVCD control provides low-voltage patient interface, controlling the ambient and reading modes independently with dimming control.

**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>		<b>Options</b>
<b>36</b> 36"				<b>3' Lengths</b>		<b>DIM1</b> 0-10V Dimming to 1%		<b>DLNL</b> ▲ LED Night Light w/Light Level Control, Left Side (voltage specific selection required)
<b>48</b> 48"				<b>38L</b> † 38 Watt LED		<b>IS</b> Instant Start Electronic <10% THD (T8)		<b>DLNR</b> ▲ LED Night Light w/Light Level Control, Right Side (voltage specific selection required)
				<b>21</b> ▲ F21T5		<b>RS</b> Rapid Start Electronic <10% THD (T8, T5, T5HO)		<b>DLNAL</b> ▲ Amber LED Night Light w/Light Level Control, Left Side (voltage specific selection required)
<b>Finish</b>				<b>25</b> F25T8		<b>SB</b> Specified Ballast		<b>DLNAR</b> ▲ Amber LED Night Light w/Light Level Control, Right Side (voltage specific selection required)
<b>MW</b> Antimicrobial Matte White				<b>39</b> F39T5HO				<b>ES</b> Emergency Shut-Off Switch (120V rated)
<b>CC</b> Custom Color (Consult factory)								<b>FS</b> Fuse & Holder
				<b>4' Lengths</b>		<b>Voltage</b>		<b>HGO</b> ▲ Hospital Grade Grounded Outlet – 20A, 125V
<b>Lamp Configuration</b>				<b>45L</b> † 45 Watt LED		<b>DV</b> 120-277 Volts		<b>PCC</b> Pull Chain Center (4 position)(120V only)
<b>(Choose 1/1 for LED lamping)</b>				<b>28</b> ■ F28T5		<b>120</b> 120 Volts		<b>PCL</b> Pull Chain Left (4 position)(120V only)
<b>2/2</b> 2 Up/2 Down				<b>32</b> F32T8		<b>277</b> 277 Volts		<b>PCR</b> Pull Chain Right (4 position)(120V only)
<b>2/1</b> 2 Up/1 Down				<b>54</b> ** F54T5HO		<b>347</b> 347 Volts		<b>LVC</b> ▲ Low Voltage Controller (Click <a href="#">here</a> for specifications)
<b>1/2</b> 1 Up/2 Down								<b>LVCD</b> ▲ Low Voltage Controller with Dimming (Click <a href="#">here</a> for specifications)
<b>1/1</b> 1 Up/1 Down				<b>Lamp Color (LED only)</b>				<b>RF</b> ▲ Radio Frequency Filter (1 per circuit)
				<b>30K8</b> 3000K / 82CRI min.				<b>TN</b> **▲ Chart Light – 5/7/9 Watt PL (Lamp supplied by other)
				<b>35K8</b> 3500K / 82CRI min.				
				<b>40K8</b> 4000K / 82CRI min.				

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



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

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# MEDMASTER™

## Patient Room Luminaires

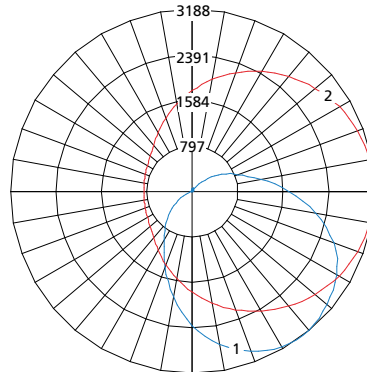
### MPWF SERIES

#### PERFORMANCE

Mode	Lamp Power	Initial Delivered Lumens, by CCT (lm)						
		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)

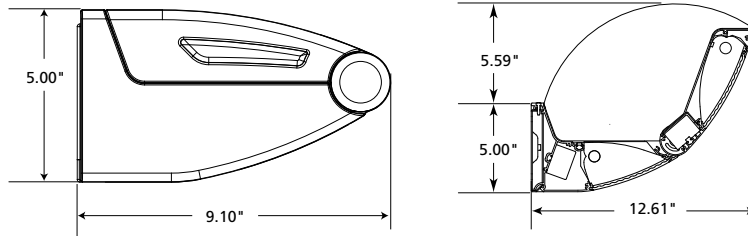


Maximum Candela = 3188 Located At Horizontal Angle = 0, Vertical Angle = 32.

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

#### DIMENSIONAL DATA

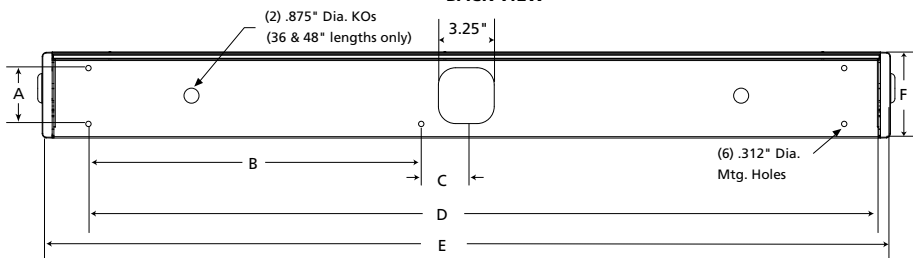
##### CROSS SECTION



##### DIMENSIONAL DATA (IN INCHES)

	A	B	C	D	E	F
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



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