

RESIDENCE™

Patient Room Luminaires

MPWV SERIES

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

- » Wall-mounted up and downlight luminaire in 24" and 48" lengths
- » Extruded aluminum housing
- » Up and down lighting via diffused lens for minimized glare
- » Standard antimicrobial finish



Traditional (T)



Contemporary (C)

SPECIFICATIONS

BASEPLATE: 18-gauge CRS. Baseplate and gear tray white TGIC polyester powder coat –5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%. Matte white antimicrobial finish standard on exposed surfaces of installed luminaire.

HOUSING: Marine grade aluminum. Extruded body and front face. Valance one-piece welded construction. Housing/valance, post assembly 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.

LENS: UV-stabilized, high impact resistant, clear P12 acrylic. Smooth exterior, prismatic interior. Nominal thickness .125". Lens securely positioned in body channels.

ELECTRICAL: **LED:** Available 3000K, 3500K and 4000K 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 1-100% range and dim-to-dark capabilities (1-100% only with 347V input); 330µA max. **LE:** Fluorescent electronic 120/277/347V ballasts high power factor (<10% THD). Circuits supplied with quick connects/disconnects. One ballast per lamp compartment. See Ordering Information for optional equipment. Lamps by others. Optional LVC and LVCD provides a low-voltage patient interface, controlling the up-light, down-light and optional nightlight 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](#).

INSTALLATION: Standard four-point (24") or six-point (48") mounting holes and one wireway hole. Removable gear tray slides into guide channels; secured with two fasteners.

WARRANTY: Limited five (5) year warranty.

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



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

Model	Length	Finish	Lamp Configuration	Lamp Power	Lamp Color	Driver/Ballast	Voltage	Options
Model				Lamp Power				Options
MPWVC	Contemporary			2' Lengths				LEL* 10W LED Emergency Battery Backup
MPWVT	Traditional			25L 25 Watt LED				NLWL* 2700K LED Night Light, Left Side
				14* F14T5				NLWR* 2700K LED Night Light, Right Side
Nominal Length				17 F17T8				NLAL* Amber LED Night Light, Left Side
24 24"				24* F24T5HO				NLAR* Amber LED Night Light, Right Side
48 48"								FS Fuse & Holder
Finish				4' Lengths				HGO† Hospital Grade Grounded Outlet – 20A, 125V
MW Antimicrobial Matte White				45L 45 Watt LED				LVC* Low Voltage Controller (Click here for specifications)
CC Custom Color (Consult Factory)				28* F28T5				LVCD* Low Voltage Controller with Dimming (Click here for specifications)
				32 F32T8				PCC• Pull Chain Center (4 position)
				54 F54T5HO				PCL• Pull Chain Left (4 position)
Lamp Configuration								PCR• Pull Chain Right (4 position)
(Choose 1/1 for LED lamping)				Lamp Color (LED only)				
2/2 2 Up/2 Down				30K8 3000K / 82CRI min.				* Rocker Switch on each end of the fixture provided standard to turn night light on/
2/1 2 Up/1 Down				35K8 3500K / 82CRI min.				off. When LVC option is chosen to control night light function, rocker switches are
1/2 1 Up/2 Down				40K8 4000K / 82CRI min.				not provided. Not available with 347V input or fluorescent lamping.
1/1 1 Up/1 Down								▲ n/a with 347V
				Driver/Ballast Type				† n/a with LED
				DIM1 0-10V Dimming to 1%				• 120V only
				IS Instant Start Electronic <10% THD (T8)				
				RS Rapid Start Electronic <10% THD (T8,T5,T5HO)				
				SB Specified Ballast				
				Voltage				
				120 120 Volts				
				347 347 Volts				
				DV 120-277 Volts				

ACCESSORIES ORDERED SEPARATELY

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

A brand of **legrand**

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. 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. ©2022 Kenall Mfg. Co.

RESIDENCE™

Patient Room Luminaires

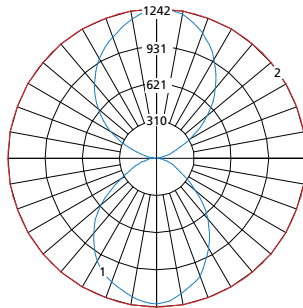
MPVW SERIES

PERFORMANCE

Mode	Lamp Power	Initial Delivered Lumens, by CCT (lm)			Efficacy (lm/W)	Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		30K8	35K8	40K8				
Up Only	25L	3,038	3,132	3,239	108 - 115	28	100	80,000
Down Only		2,960	3,051	3,155	105 - 112	28	100	80,000
Up & Down		5,911	6,093	6,301	105 - 112	56	100	80,000
Up Only	45L	5,520	5,690	5,885	116 - 124	48	100	80,000
Down Only		5,377	5,544	5,733	113 - 121	48	100	80,000
Up & Down		10,740	11,072	11,449	114 - 121	95	100	80,000

Information subject to change without notice. Visit www.kenall.com for IES files and additional information.

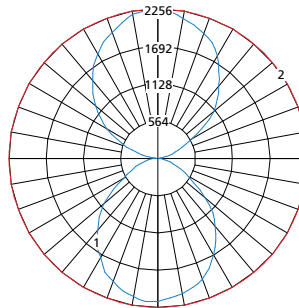
Model: MPWVC-24-MW-1/1-25L-40K8-DIM1-DV



Maximum Candela = 1242 Located At Horizontal Angle = 15, Vertical Angle = 2.5

— 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
 — 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

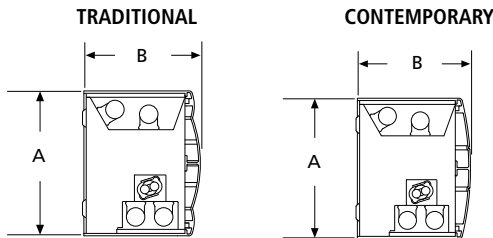
Model: MPWVT-48-MW-1/1-45L-40K8-DIM1-DV



Maximum Candela = 2256 Located At Horizontal Angle = 15, Vertical Angle = 2.5

— 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
 — 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

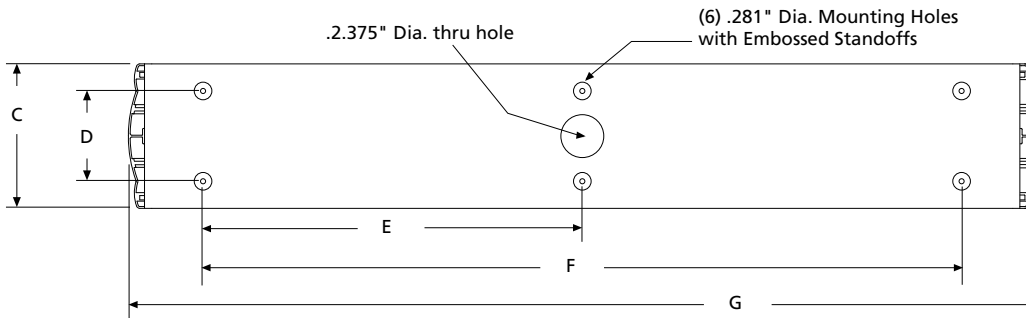
DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES)

	A	B	C	D	E	F	G
24 C	8.00	6.54	8.00	5.00	9.00	18.00	26.30
24 T	8.00	6.54	8.00	5.00	9.00	18.00	26.30
48 C	8.00	6.54	8.00	5.00	21.00	42.00	50.30
48 T	8.00	6.54	8.00	5.00	21.00	42.00	50.30

BACK VIEW



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

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. 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. ©2022 Kenall Mfg. Co.

A brand of **legrand**