

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 LVCD control provides low-voltage patient interface, controlling the uplight and downlight functions with dimming control.

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 8.4W LED Emergency Battery Backup (n/a 347V)
MPWVT	Traditional			25L 25 Watt LED				DLNL ^{▲2} LED Night Light w/100%-20% Light Level Control, Left Side (voltage specific selection required; n/a 347V)
				14[▲] F14T5				DLNR ^{▲2} LED Night Light w/100%-20% Light Level Control, Right Side (voltage specific selection required; n/a 347V)
				17 F17T8				DLNL ^{▲2} Amber LED Night Light w/100%-20% Light Level Control, Left Side (voltage specific selection required; n/a 347V)
				24[▲] F24T5HO				DLNR ^{▲2} Amber LED Night Light w/100%-20% Light Level Control, Right Side (voltage specific selection required; n/a 347V)
								EL ^{★▲1†} 500 Minimum Lumen Battery Pack (90 Minutes, 32°F Starting Temp)
Nominal Length				4' Lengths				FS Fuse & Holder
24	24"			45L 45 Watt LED				HGO [†] Hospital Grade Grounded Outlet – 20A, 125V
48	48"			28[▲] F28T5				LVC [▲] Low Voltage Controller (Click here for specifications)
				32 F32T8				LVCD [▲] Low Voltage Controller with Dimming (Click here for specifications)
				54 F54T5HO				PCC Pull Chain Center (4 position)(120V only)
Finish					Lamp Color (LED only)			PCL Pull Chain Left (4 position)(120V only)
MW	Antimicrobial Matte White				30K8 3000K / 82CRI min.			PCR Pull Chain Right (4 position)(120V only)
CC	Custom Color (Consult Factory)				35K8 3500K / 82CRI min.			PEL ^{★▲1†} 1100 Minimum Lumen Battery Pack (90 Minutes, 32°F Starting Temp)
					40K8 4000K / 82CRI min.			RF [†] Radio Frequency Filter
Lamp Configuration								TNL ^{▲12†} Night Light – 5/7/9 Watt PL (Lamp supplied by other), Left Side
(Choose 1/1 for LED lamping)								TNR ^{▲12†} Night Light – 5/7/9 Watt PL (Lamp supplied by other), Right Side
2/2	2 Up/2 Down							
2/1	2 Up/1 Down							
1/2	1 Up/2 Down							
1/1	1 Up/1 Down							
					Driver/Ballast Type			
					DIM1 0-10V Dimming to 1%			
					IS Instant Start Electronic <10% THD (T8)			
					RS Rapid Start Electronic <10% THD (T8,T5,T5HO)			
					SB Specified Ballast			
					Voltage			
					120 120 Volts			
					277 277 Volts			
					347 347 Volts			
					DV 120-277 Volts			

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



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RESIDENCE™

Patient Room Luminaires

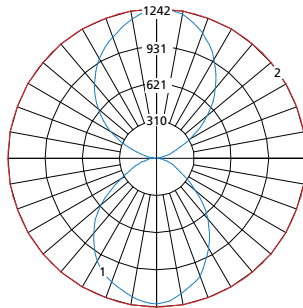
MPVW SERIES

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

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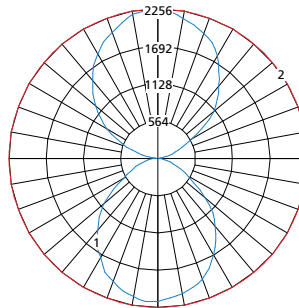
Model: MPWVC-24-MW-1/1-25L-40K8-DIM1-DV



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.)

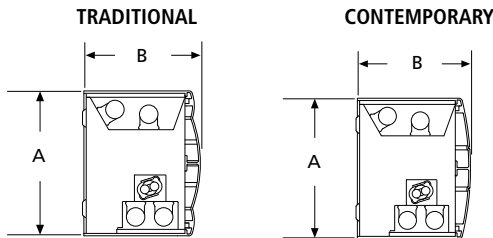
Model: MPWVT-48-MW-1/1-45L-40K8-DIM1-DV



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.)

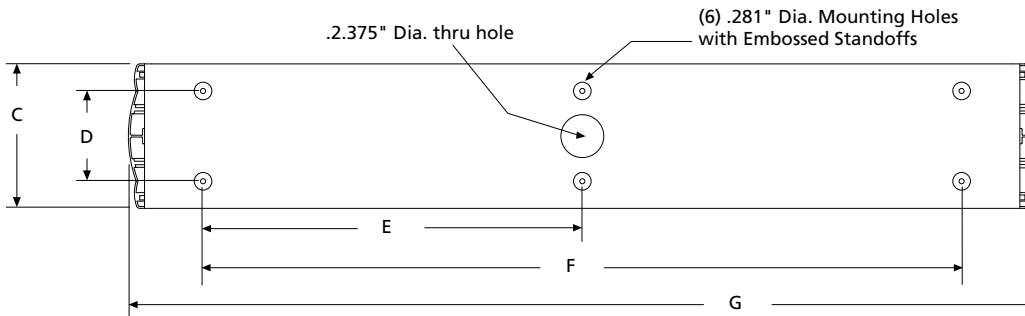
DIMENSIONAL DATA



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



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