

RESIDENCE™

Patient Room Luminaires

MPWV SERIES

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

- » Surface wall mount – 24", 36" & 48" lengths
- » Multi-functional – ambient and reading
- » Internal prisms inside, smooth exterior lens outside for ease of cleanability
- » 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 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 10-100% range, maximum driver source of 500 µA. **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" housing) or six-point (36" and 48" housing) mounting holes and one wireway hole. Removable gear tray slides into guide channels; secured with two fasteners.

WARRANTY: Limited five (5) year warranty.

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: MPWVC-48-1/1-45L40K-DCC-DV)

| Model | Length | Finish | Lamp Configuration | Lamp Type | Ballast/Driver | Voltage | Options |
|---------------------------|------------------------------------|--------|--------------------|--|----------------|---------|--|
| Model | | | | Lamp Type | | | Options |
| MPWVC | Contemporary | | | 2' Lengths | | | LEL LED Emergency Battery Pack |
| MPWVT | Traditional | | | 25L35K 25 Watt 3500K LED (82 CRI) | | | DLNL^{A2} LED Night Light w/100%-20% Light Level Control, Left Side (voltage specific selection required) |
| Nominal Length | | | | 25L40K 25 Watt 4000K LED (82 CRI) | | | DLNR^{A2} LED Night Light w/100%-20% Light Level Control, Right Side (voltage specific selection required) |
| 24 | 24" | | | 14^A F14T5 | | | DLNAL^{A2} Amber LED Night Light w/100%-20% Light Level Control, Left Side (voltage specific selection required) |
| 36 | 36" | | | 17 F17T8 | | | DLNAR^{A2} Amber LED Night Light w/100%-20% Light Level Control, Right Side (voltage specific selection required) |
| 48 | 48" | | | 24^A F24T5HO | | | EL*^{▲▲1} 500 Minimum Lumen Battery Pack (90 Minutes, 32°F Starting Temp) |
| Finish | | | | 3' Lengths | | | FS Fuse & Holder |
| MW | Matte White (Antimicrobial finish) | | | 21^A F21T5 | | | HGO Hospital Grade Grounded Outlet – 20A, 125V |
| CC | Custom Color (Consult Factory) | | | 25 F25T8 | | | LVC^A Low Voltage Controller (Click here for specifications) |
| Lamp Configuration | | | | 4' Lengths | | | LVC^A Low Voltage Controller with Dimming (Click here for specifications) |
| 2/2[†] | 2 Up/2 Down | | | 45L35K 45 Watt 3500K LED (82 CRI) | | | PCC Pull Chain Center (4 position)(120V only) |
| 2/1[†] | 2 Up/1 Down | | | 45L40K 45 Watt 4000K LED (82 CRI) | | | PCL Pull Chain Left (4 position)(120V only) |
| 1/2[†] | 1 Up/2 Down | | | 45L50K 45 Watt 5000K LED (82 CRI) | | | PCR Pull Chain Right (4 position)(120V only) |
| 1/1 | 1 Up/1 Down | | | 28^A F28T5 | | | PEL*^{▲▲1} 1100 Minimum Lumen Battery Pack (90 Minutes, 32°F Starting Temp) |
| | | | | 32 F32T8 | | | RF^A Radio Frequency Filter |
| | | | | 54 F54T5HO | | | TNL^{A1 2} Night Light – 5/7/9 Watt PL (Lamp supplied by other), Left Side |
| | | | | | | | TNR^{A1 2} Night Light – 5/7/9 Watt PL (Lamp supplied by other), Right Side |
| | | | | Ballast/Driver Type | | | * Dry Location only (EL option). One lamp maximum in emergency mode. |
| | | | | IS Instant Start Electronic <10% THD (T8) | | | ■ 2" fixtures have minimum 390-650 lumen battery pack. T5/T5HO not available with both Night Light Option AND Low Voltage Controller option. |
| | | | | RS Rapid Start Electronic <10% THD (T8,T5,T5HO) | | | ● n/a on 2' fixtures. 3' fixtures have minimum 750-1100 lumen battery pack. |
| | | | | SB Specified Ballast | | | n/a with both Night Light Option AND Low Voltage Controller option. |
| | | | | DCC Dimming Constant Current Driver | | | ▲ n/a with 347V |
| | | | | Voltage | | | ¹ Not available with 2 T5HO lamps down. |
| | | | | 120 120 Volts | | | ² Rocker Switch provided standard for control of night light. Exception Rocker Switch will not be provided when the LVC option is selected for night light control. Not compatible with LVCD option |
| | | | | 277 277 Volts | | | [†] n/a with LED |
| | | | | 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

A brand of **legrand**

When you see this image, you will know the Kenall product shown or described is designed and manufactured in the USA with components purchased from US suppliers, and meets the Buy American requirements under the ARRA. Kenall has not determined the origin of its domestically purchased components or the subcomponents thereof. 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. © 2019 Kenall Mfg. Co. All rights reserved.

MPWV-050719

RESIDENCE™

Patient Room Luminaires

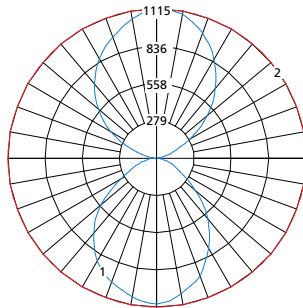
MPWV SERIES

PERFORMANCE

| Nominal Length | Lamp Type | Initial Delivered Lumens | | Input Power (W) | Drive Current (mA) | Estd. L70 LED Life (Hrs) |
|----------------|-----------|--------------------------|-----------------|-----------------|--------------------|--------------------------|
| | | @ 25°C | Efficacy (lm/W) | | | |
| 24 | 25L35K | 4996 | 85 | 59 | 94 | 80,000 |
| | 25L40K | 5326 | 90 | 59 | 94 | 80,000 |
| | 25L50K | 5539 | 94 | 59 | 94 | 80,000 |
| 48 | 45L35K | 9294 | 93 | 100 | 94 | 80,000 |
| | 45L40K | 9908 | 99 | 100 | 94 | 80,000 |
| | 45L50K | 10304 | 103 | 100 | 94 | 80,000 |

Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Visit www.kenall.com for additional information.

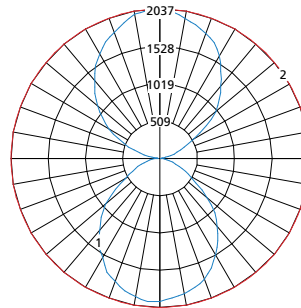
Model: MPWVC-24-MW-1/1-25L40K-DCC-DV



Maximum Candela = 1115 Located At Horizontal Angle = 0, Vertical Angle = 180

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

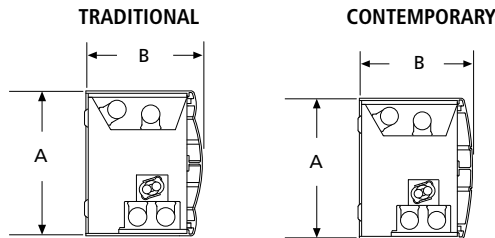
Model: MPWVT-48-MW-1/1-45L40K-DCC-DV



Maximum Candela = 2037 Located At Horizontal Angle = 0, Vertical Angle = 180

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

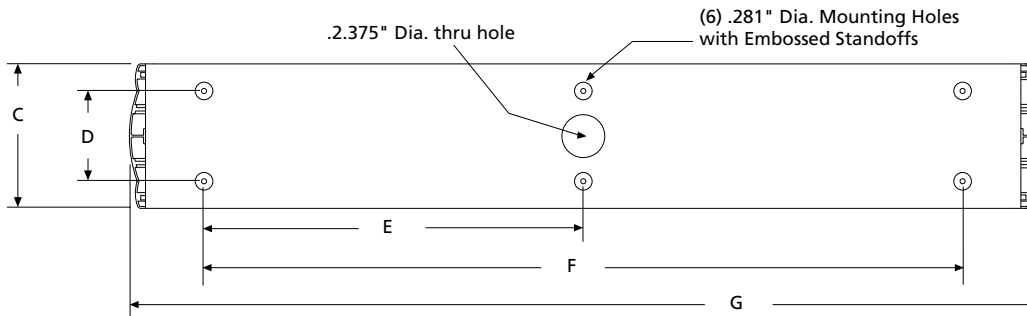
DIMENSIONAL DATA



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 |
| 36 C | 8.00 | 6.54 | 8.00 | 5.00 | 15.00 | 30.00 | 38.30 |
| 36 T | 8.00 | 6.54 | 8.00 | 5.00 | 15.00 | 30.00 | 38.30 |
| 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

A brand of **Legrand**

When you see this image, you will know the Kenall product shown or described is designed and manufactured in the USA with components purchased from US suppliers, and meets the Buy American requirements under the ARRA. Kenall has not determined the origin of its domestically purchased components or the subcomponents thereof. 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. © 2019 Kenall Mfg. Co. All rights reserved.

MPWV-050719