

# DMW



## Intended Use

Intended for low to medium mounting heights where dust, dirt, humidity, or moisture are present. Ideal for canopies, dock areas, wastewater treatment, refrigerated areas, food processing, and other non-hazardous environments.

## Features

- Impact resistant, UV stabilized, fiberglass reinforced polyester housing with cold rolled steel channel
- Poured in place gasketing provides a seal between housing and diffuser
- High-impact acrylic diffuser with stippled interior surface to spread lamp range

- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Fixture may be unit or row installed, surface (ceiling or wall) or suspended mounted. Wall mounting; horizontal orientation only for use in damp locations

## Listings

120V, 277V, and MVOLT are UL Listed and CSA Certified (standard), 347V is CSA Certified (see Options). NOM Certified (see Options). Listed for 25°C ambient and wet locations for covered ceiling applications. IP65 rated standard. Optional IP67 rating available (supplied with 8 latches on 4' units and 14 latches on 8' units; covered ceiling not required). Compliant to FDA/USDA requirements and/or NSF splash zone certification.

## ORDERING INFORMATION

Specifications subject to change.

**Example:** DMW 2 32 MVOLT GEB1015

| Series                                                     | Number of lamps <sup>1</sup> | Lamp type                          | Diffuser                                           | Voltage | Ballast configuration          |
|------------------------------------------------------------|------------------------------|------------------------------------|----------------------------------------------------|---------|--------------------------------|
| DMW Wet location                                           | 1                            | 28T5 28W T5 (46")                  | (blank) High-impact acrylic, 50% DR                | MVOLT   | (blank) Standard configuration |
| For tandem double-length unit, add prefix T. Example: TDMW | 2                            | 32 32W T8 (48")                    | ARDP Deep high-impact acrylic, 50% DR <sup>3</sup> | 120     |                                |
|                                                            | 3                            | 48T8HO 44W T8HO (48")              |                                                    | 277     | 1/3 One 3-lamp ballast         |
|                                                            | Not included.                | 54T5HO 54W T5HO (46") <sup>2</sup> |                                                    | 347     | 1/4 One 4-lamp ballast         |
|                                                            |                              | 96T8 59W T8 slimline (96")         |                                                    |         |                                |
|                                                            |                              | 96T8HO 86W T8 380mA (96")          |                                                    |         |                                |

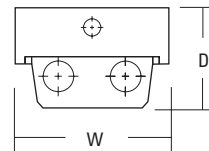
| Ballast                                                                     | Options                                                                               |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| GEB10IS T8 electronic ballast, ≤10% THD, instant start                      | BCD Mounting bracket to chain hang DMW (2 per package, excludes chain) <sup>4,5</sup> |
| GEB10RS T8 electronic ballast, ≤10% THD, programmed rapid start (347V only) | HC36 Wire hook and 36" chain set (2 per package) <sup>4,5</sup>                       |
| GEB10PS Electronic ballast, ≤10% THD, programmed rapid start                | MSL_ Wet location occupancy sensor pre-wired <sup>6,7</sup>                           |
| GEB10PS90 T5HO 90° electronic ballast, ≤10% THD, programmed rapid start     | IP67 IP67 rated, utilizes 8 latches for 4' fixtures and 14 latches on 8' fixtures     |
|                                                                             | STSL Stainless steel latches                                                          |
|                                                                             | WLF Wet location fittings (one pair, installed top, for use with 1/2" rigid conduit)  |
|                                                                             | CSA Meets Canadian standards (347V only)                                              |
|                                                                             | NOM Meets Mexican standards                                                           |

## ADDITIONAL INFORMATION

For additional product information, visit [www.lithonia.com](http://www.lithonia.com).

| CONFIGURATIONS |                         |                   |              |              |              |            |
|----------------|-------------------------|-------------------|--------------|--------------|--------------|------------|
| SERIES         | LAMPS PER CROSS SECTION | LAMPS PER FIXTURE | LAMP TYPE    | WIDTH        | DEPTH        | LENGTH     |
| DMW            | 1,2,3                   | 1,2,3             | 28T5, 32     | 7-5/8 (19.4) | 4-3/4 (12.1) | 50 (127.0) |
| DMW            | 1,2                     | 1,2               | 54T5HO       | 7-5/8 (19.4) | 4-3/4 (12.1) | 50 (127.0) |
| DMW (ARDP)     | 1,2,3                   | 1,2,3             | 28T5, 32     | 7-5/8 (19.4) | 5-5/8 (14.3) | 50 (127.0) |
| DMW (ARDP)     | 1,2                     | 1,2               | 54T5HO       | 7-5/8 (19.4) | 5-5/8 (14.3) | 50 (127.0) |
| DMW            | 2                       | 2                 | 48T8HO       | 7-5/8 (19.4) | 5-5/8 (14.3) | 50 (127.0) |
| DMW            | 1,2                     | 1,2               | 96T8, 96T8HO | 7-5/8 (19.4) | 5-5/8 (14.3) | 98 (248.9) |
| TDMW           | 1,2                     | 2,4               | 28T5, 54T5HO | 7-5/8 (19.4) | 5-5/8 (14.3) | 98 (248.9) |
| TDMW           | 1,2,3                   | 2,4,6             | 28T5, 32     | 7-5/8 (19.4) | 5-5/8 (14.3) | 98 (248.9) |

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



## Notes

- 1 See Configurations table for lamp compatibility.
- 2 Must use GEB10PS90 ballast.
- 3 Deep lens is standard on 4' 48T8HO, and on all 8' fixtures. To match deep appearance on all other 4' units, order ARDP lens.
- 4 Order accessories as separate catalog numbers.
- 5 For stainless steel, specify STS (example: BCD STS).
- 6 Must specify voltage.
- 7 For mounting up to 8' specify MSI8; for mounting up to 20' specify MSI20.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

| TYPE          | NOMENCLATURE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BALLAST       | ADCF         | Advance® electronic fluorescent ballast. Requires four-pin lamp (120V or 277V only).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               | ADEZ         | Advance® Mark X® electronic line voltage control dimming ballast (120V or 277V; 26DTT, 26TRT and 32TRT).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|               | CW           | Cold-weather ballast for linear fluorescent fixtures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|               | CW20         | Cold-weather ballast, -20°F, for linear fluorescent fixtures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|               | HEB          | Electronic HID ballast. 120-277V, 50-60Hz. THD < 15%, PF > 90.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|               | DMHL         | LUTRON® Hi-lume® electronic three-wire line voltage control dimming ballast (120V or 277V; 26DTT, 26TRT and 32TRT).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|               | MOTCF        | Osram® Sylvania™ electronic fluorescent ballast. Requires four-pin lamp.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|               | RHP          | Reactor high power factor ballast (HPS and 120V only).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|               | TUBCF        | Universal™ Lighting Technologies electronic fluorescent ballast. Requires four-pin lamp.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|               | XHP          | High-reactance high power factor ballast (208V, 240V, 277V, 347V and TB). Available with HPS only (35S not available).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MISCELLANEOUS | 4S           | Four screws per unit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|               | AL           | Aluminum backplate for VR1/VR2; aluminum housing for VDC/VDS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|               | ALDF         | Aluminum door frame. Required for use with VRR DHL (drop Holophane® glass lens).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|               | DL           | Damp location listing for VSL/VSLC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|               | IHR          | Internal horizontal reflector. Required for HID wall-mount units. For use with utilitarian products.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               | IR           | Internal vertical reflector. Required for HID wall-mount units. For use with utilitarian products.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|               | L/LP         | Less lamp(s).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|               | LPI          | Lamp(s) included.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|               | SCB          | Surface conduit backbox. For use with VR1B/VR2B series. Replaces standard backbox. UL Listed for damp locations. May be ordered separately as an accessory.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|               | SCG          | Surface conduit gaskets (one pair, not installed) for VSL/VSLC. Fixture maintains wet location listing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|               | STS          | Stainless steel housing, natural. Available with VDC/VDS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|               | STSW         | Stainless steel housing, white. Available with VDC/VDS and VW/VWC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|               | TRS          | Tamper-resistant screws. Stainless steel TORX® T20 screws with center reject pin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|               | VGRDS        | Decorative shroud. For use with round, deep-profile Gateway® units. Mounts over die-cast housing to cover surface conduit entries for a more aesthetically pleasing look. May be ordered separately as an accessory - VGRDS XXXX (must specify color).                                                                                                                                                                                                                                                                                                                                                                                                                  |
|               | WL           | Wet location.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|               | INTL         | Available for MH probe start shipping outside the U.S.. Available with VR4CV & VRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|               | IP64         | Dust-tight and protected against water splashing in any direction. Available with VRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ELECTRICAL    | 2/1          | Two 1-lamp ballasts. Two lamps/two ballasts.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|               | DF           | Double fuse. Use with 208V, 240V, 480V. Not available for multi-tap ballast. In-line fusing isolates luminaire from circuit. Externally accessible.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|               | DS           | Dual switching. Two lamps/two ballasts. Requires two separate power inputs so each lamp/ballast combo operates as a separate system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               | EC           | Emergency circuit. Factory-installed, double-contact, bayonet-base quartz socket with socket leads for use with separate external emergency power system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|               | ELDW         | Integral emergency battery system for fluorescent units. 750 lumens maximum.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|               | GLR          | Internal fast-blow fusing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|               | GMF          | Internal slow-blow fusing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|               | L/JB         | Less junction box. For use with induction lighting system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|               | NL           | Incandescent night light. 7W maximum. Lamp included.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               | NLCF         | Compact fluorescent night light. 9W maximum. Lamp included.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|               | PE           | Photoelectric cell (button type). Not available with multi-tap ballasts or 480V.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|               | QRS          | Quartz restrike system. Factory-installed, double-contact, bayonet-based quartz socket with socket leads. Automatically switches 12V quartz lamp on if there is a power interruption or brownout significant enough to cause the primary HID lamp to drop out. The 120V quartz lamp stays on until the HID fixture restrikes. QRS does not energize during cold-start of HID luminaires or at end of life of HID lamp. Wiring of the quartz lamp is internal to the ballast assembly; the 120 volts required to operate the quartz lamp is supplied by the ballast. Wattage of the quartz lamp should not exceed that of the HID source. Maximum wattage lamp included. |
|               | QRSTD        | Quartz restrike system with time delay. Operates like QRS except auxiliary lamp remains on for two minutes after HID lamp expires.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|               | RIF1         | Radio interference filter, one per fixture. For one filter per ballast, specify RIF2. Use with linear fluorescent units only.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|               | SF           | Single fuse. Use with 120V, 277V, 347V. Not available for multi-tap ballasts. In-line fusing isolates luminaire from circuit. Externally accessible.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               | SM1          | Single medium-base incandescent socket. Use with VR4 100W and 150W incandescent.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|               | XT           | Low-energy diode, extended lamp life. Use with incandescent units only.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

