

FEATURES & SPECIFICATIONS

INTENDED USE — Intended for low to medium mounting heights where dust, dirt, humidity, moisture, or corrosive elements are present. Ideal for canopies, dock areas, wastewater treatment, refrigerated areas, food processing and other non-hazardous environments. **Certain airborne contaminants can diminish integrity of acrylic.** [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

CONSTRUCTION — Housing formed from impact resistant, UV stabilized, fiberglass reinforced polyester with cold-rolled steel enclosed wireway. Poured in gasketing provides a seal between housing and diffuser. Captive, corrosion-resistant cam-action latches secure the diffuser; six on 4' units, and ten on 8' units. Stainless steel latches available.

Finish: Painted parts pretreated with a five-stage iron-phosphate process to ensure superior paint adhesion and corrosion resistance, then finished with a high-gloss, baked white enamel.

OPTICS — High-impact Acrylic diffuser with a stippled interior surface to spread lamp image.

PLEASE NOTE: The standard 4' diffuser is 2-1/4" deep, and the standard 8' diffuser is 3" deep. To order the 4' diffuser so that it matches the depth of the 8' diffuser, order the ARDP option. The 8' diffuser is not available in the 2-1/4" depth.

ELECTRICAL — Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed and CSA Certified ballast is standard.

AWM, TFN, THHN wire throughout, rated for required temperatures.

INSTALLATION — For unit or row installations, surface (ceiling or wall) or suspended mounting.

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. Optional IP67 rating available for 4' units only. Compliance to FDA/USDA requirements and/or NSF splash-zone certification.

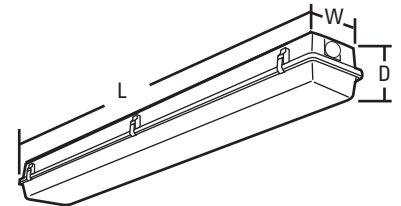
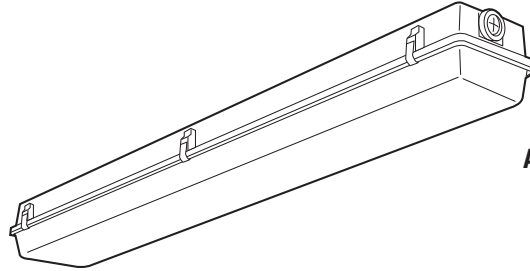
WARRANTY — Guaranteed for one year against mechanical defects in manufacture.

Catalog Number	
Notes	Type

Enclosed and Gasketed Industrial

DMW

**INSTANT,
PROGRAMMED
AND RAPID START**
4' or 8' length
1, 2 or 3 lamps



Specifications

Length:	50" (1270)
	98" (2489)
Width:	8-1/8" (206)
Fixture depth:	5-5/8" (143)

All dimensions are inches (millimeters). Specifications subject to change without notice.

ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: DMW 2 32 MVOLT GEB10IS

DMW		Lamp type		Voltage	Ballast	Options
Series	Number of lamps	28T5 28W T5 (48") ²		120	GEB10IS Electronic ballasts, ≤10% THD, instant start¹	ELDW Emergency battery pack (nominal 300 lumens)
DMW Wet location	1	32 32W T8 (48")		277	GEB10RS Electronic ballast, ≤10% THD, rapid start²	EL5DW Emergency battery pack (nominal 500 lumens)
For tandem double-length unit, add prefix T. Example: TDMW	2	54 54W T5HO (48") ³		347	GEB10PS T5 electronic ballast, ≤10% THD, programmed rapid start	EL6DW Emergency battery pack (nominal 600 lumens)
	3¹			MVOLT	GEB10PS90 T5HO 90" case temperature ballast	EL14DW Emergency battery pack (nominal 1400 lumens)
	Not included			Others available		GLR Internal fast-blow fuse ⁵
		Diffuser				GMF Internal slow-blow fuse ⁵
		(blank) High-impact acrylic (50% DR)				RIF1 Radio interference filter, 1 per fixture
		ARDP Deep high-impact acrylic (50% DR) ⁴				STSL Stainless steel latches
						WLF Wet location fittings (1 pair, installed, top)

NOTES:

- 1 32W T8 lamps only.
- 2 Must specify GEB10PS ballast.
- 3 Must specify GEB10PS90 ballast.
- 4 Deep lens is standard on 8' fixtures.
- 5 Must specify voltage. Not available with MVOLT.
- 6 For stainless steel, specify **STS** (ex: BCD STS).

Accessories

- Order as separate catalog numbers.
- BCD Bracket for hanger chain mounting. Two per package.⁶
 - HC36 Chain hangers (1 pair, 36" long) Requires BCD.
 - WLF Wet location fittings (1 pair, not installed).

DMW Rapid Start

MOUNTING DATA

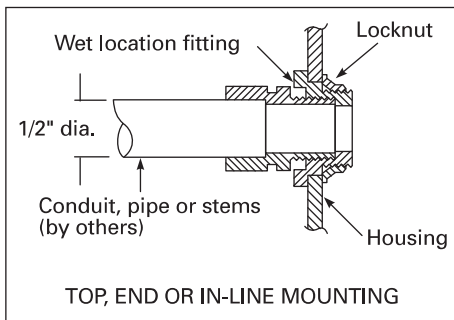
For unit or row installation, surface (ceiling or wall) or suspended mounting.

DMW — Drill holes through housing and channel at appropriate locations. Includes gasketed wet location fittings on ends for power feeding/mounting. Fitting is threaded for 1/2" rigid conduit (optional WLF for top mounting). Attach to surface using fasteners and sealing washers (by others) appropriate to ceiling materials.

Unit installation — Minimum of two hangers required.

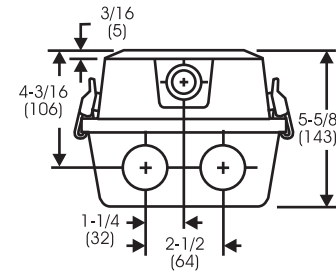
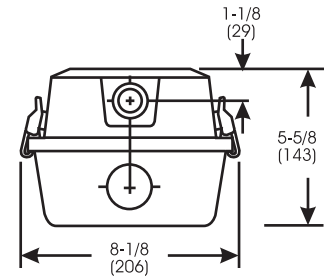
Row installation — Minimum of two hangers required. Recommend 1/2" nipple with union (by others).

See ACCESSORIES on page 1 for hanging devices.

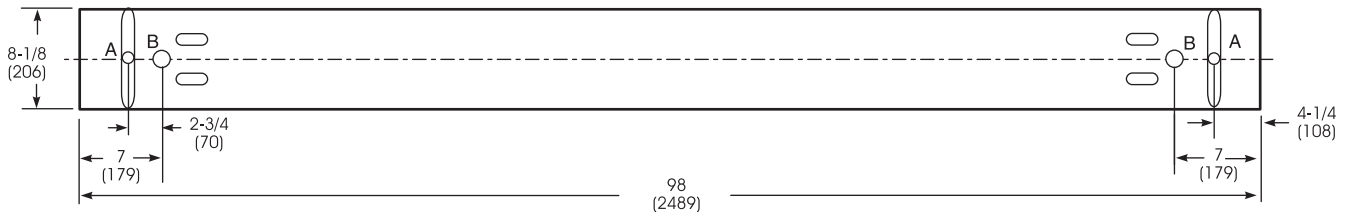
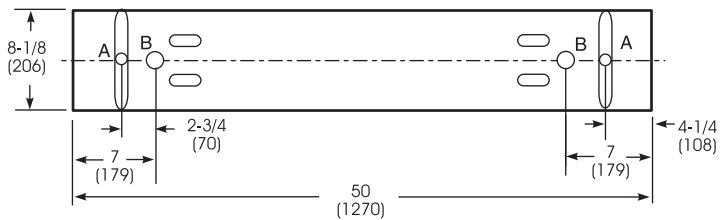


DIMENSIONS

Inches (millimeters). Subject to change without notice.



A = 11/16 (17) Dia.
 B = 1-1/8 (29) Dia.
 Recommended mounting locations
 (field drilling required)
 *8' fixtures are 5-5/8" deep
 4' fixtures are 4-5/8" deep



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Floor reflectances are 20%. Lamp configurations shown are typical. Full photometric data on these and other configurations available upon request.

TEST NO: LTL17549
 LUMINAIRE CATALOG NO.: DMW 2 32 MVOLT
 LUMENS PER LAMP: 2800

TEST NO: LTL17462
 LUMINAIRE CATALOG NO.: DMW 2 54T5HO MVOLT ACNS90
 LUMENS PER LAMP: 4500

RCR	pf	Coefficients of Utilization								
		20%			50%			70%		
		80%	10%	30%	80%	10%	30%	80%	10%	30%
0	84	84	84	82	82	82	77	77	77	
1	71	67	64	69	65	62	65	62	60	
2	60	55	50	59	54	49	56	51	47	
3	52	46	40	51	45	40	48	43	39	
4	46	39	34	45	38	33	42	37	32	
5	41	34	29	40	33	28	38	32	28	
6	36	29	25	35	29	24	34	28	24	
7	33	26	21	32	26	21	31	25	21	
8	30	23	19	29	23	19	28	22	19	
9	27	21	17	27	21	17	26	20	17	
10	25	19	15	25	19	15	24	18	15	

RCR	pf	Coefficients of Utilization								
		20%			50%			70%		
		80%	10%	30%	80%	10%	30%	80%	10%	30%
0	87	87	87	84	84	84	79	79	79	
1	73	69	65	70	67	63	66	63	60	
2	62	56	51	60	55	50	56	52	48	
3	54	47	42	52	46	41	49	43	39	
4	47	40	35	46	39	34	43	37	33	
5	42	35	29	41	34	29	38	32	28	
6	38	31	25	37	30	25	34	29	24	
7	34	27	22	33	27	22	31	25	21	
8	31	24	20	30	24	19	28	23	19	
9	28	22	18	28	21	17	26	21	17	
10	26	20	16	25	20	16	24	19	15	

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	807.5	14.4	20.2
0° - 40°	1366.3	24.4	34.3
0° - 60°	2591.8	46.3	65.0
0° - 90°	3822.1	68.3	95.9
90° - 180°	165.4	3.0	4.1
0° - 180°	3987.5	71.2	100.0

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	1285.8	14.3	19.1
0° - 40°	2169.6	24.1	32.2
0° - 60°	4044.8	44.9	60.1
0° - 90°	6083.7	67.6	90.4
90° - 180°	646.5	7.2	9.6
0° - 180°	6730.2	74.8	100.0



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