

Intended Use

For low to medium mounting heights and harsh environments where dust, dirt, humidity or moisture is present. Ideal for canopies, shipping docks, refrigerated areas, food processing and other non-hazardous environments.

Features

Impact-resistant, UV-stabilized, reinforced polyester fiberglass housing. Shatter-resistant 15% DR acrylic diffuser standard, high impact 50% DR available. Poured-in gasketing provides a continuous seal between housing and diffuser. Captive, corrosion-resistant, cam-action latches secure the diffuser. Stainless steel (STSL) latches also are available.

Ballast – Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA Certified ballast is standard. Sound rating depends on lamp/ballast combination.

Wiring and Electrical – AWM, TFN or THHN wire used throughout, rated for required temperatures.

Mounting – For unit or row installations, surface (ceiling or wall) or suspended mounting.

Listings

120V, 277V and MVOLT are UL Listed and CSA Certified (standard). See Options for 347V and NOM Certified. DM is damp location, DMW is wet location listed for covered ceiling applications.

Enclosed Fiberglass Housing

DM DMW



Example: **DM 2 32 MVOLT GEB10IS**

Ordering Information

Series	Number of lamps	Lamp type	Diffuser type	Voltage	Options/Accessories ^{3,4}
DM Damp location	1 2 3 ¹ Not included.	32 32W T8 (48")	(blank) Acrylic, 15% DR	MVOLT	1/3 One 3-lamp ballast
DMW Wet location		48 38W slimline (48") ²	AR High-impact acrylic, 50% DR	120	1/4 One 4-lamp ballast
For tandem double-length unit, add prefix T. Example: TDM		48HO 60W 800mA (48") ²	DP Deep acrylic, 15% DR ³	277	GEB10IS T8 electronic ballast, instant start
		96HO 110W 800mA (96") ²	ARDP Deep high-impact acrylic, 50% DR ³	347	GEB10RS T8 electronic ballast, rapid start
		96T8 59W T8 slimline (96")			BCD Mounting bracket to chainhang DM/DMW (2 per package, excludes chain) ⁴
		96T8HO 86W T8 380mA (96")			HC Wire hook and 36" chain set (2 per package) ⁴
					WLF Field-installable wet location fittings to stem-hang DMW on ½" rigid conduit (2 per package). For factory-installed fittings on top, order WLF as an option.
					CSA CSA Certified (347V only)
					NOM NOM Certified

See page 113 for others.

Availability and Dimensions						
Series	Lamps per cross section	Lamps per fixture	Lamp type	Width in. (cm)	Depth in. (cm)	Length in. (cm)
DM, DMW	1, 2, 3 ¹	1, 2, 3	32	7 ⁵ / ₈ (18.4)	4 ³ / ₄ (9.5)	50 (127.0)
DM, DMW	1, 2	1, 2	48, 48HO, 48T8HO	7 ⁵ / ₈ (18.4)	5 ⁵ / ₈ (13.3)	50 (127.0)
DM, DMW (DP or ARDP)	1, 2, 3 ¹	1, 2, 3	32	7 ⁵ / ₈ (18.4)	5 ⁵ / ₈ (13.3)	50 (127.0)
TDM, TDMW	1, 2	2, 4	32, 48, 48HO, 48T8HO	7 ⁵ / ₈ (18.4)	5 ⁵ / ₈ (13.3)	98 (248.9)
DM, DMW	1, 2	1, 2	96HO, 96T8, 96T8HO	7 ⁵ / ₈ (18.4)	5 ⁵ / ₈ (13.3)	98 (248.9)

NOTES:

- 3-lamp models only available with T8 lamp source.
- Specify voltage.
- Deep lens is standard on 4' slimline, HO (800mA) and 8' fixtures. To match deep appearance on 4' rapid start, order **DP** or **ARDP** option.
- Order accessories as separate catalog number.

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.

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.

OPTICAL SYSTEM

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

ELECTRICAL SYSTEM

Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed and CSA Certified ballast is standard. Sound rating depends on lamp/ballast combination.

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

INSTALLATION

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

LISTING

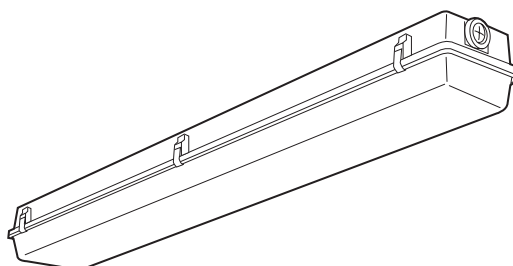
120V and 277V are UL Listed and CSA Certified (standard). 347V is CSA Certified (see Options). NOM Certified (see Options). Suitable for wet (DMW) or damp (DM) locations.

WARRANTY

Guaranteed for one year against mechanical defects in manufacture.

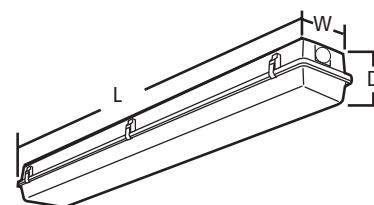
Enclosed and Gasketed Industrial

DM/DMW



SLIMLINE

4' or 8' length
1 or 2 lamps



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

Specifications

Length: 50" (1270)

98" (2489)

Width: 8-1/8" (206)

Fixture Depth: 5-5/8" (143)

ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog number.

Example: **DMW 2 96 120 ES**

Series	Number of lamps	Lamp type	Voltage	Options
DM Damp location DMW Wet location For tandem double-length unit, add prefix T. Example: TDM	1, 2 Not included	48 38W Slimline (48") 96 75W Slimline (96") 96T8 59W T8 Slimline (96")	120, 277, 347 Others available	ES Energy-saving ballasts CW Cold-weather ballasts, 0°F starting. Not recommended for use in ambient temperatures exceeding 40°F ELDW Emergency battery pack (nominal 300 lumens) EL5DW Emergency battery pack (nominal 500 lumens) EL6DW Emergency battery pack (nominal 600 lumens) EL14DW Emergency battery pack (nominal 1400 lumens) GEB Electronic ballasts, ≤20% THD GLR Internal fast-blow fuse GMF Internal slow-blow fuse NSF NSF International certification ² RIF1 Radio interference filter, 1 per fixture STSL Stainless steel latches WLF Wet location fittings (1 pair, installed, top) CSA CSA Certified (Only required for 347V) NOM NOM Certified
Diffuser				
(blank) Acrylic (15% DR) AR High-impact acrylic (50% DR) DP Deep acrylic ¹ ARDP Deep high-impact acrylic ¹				
Accessories				
Order as separate catalog numbers. BCD Bracket for hanger chain mounting. Two per package. HC36 Chain hangers (1 pair, 36" long) Requires BCD. WLF Wet location fittings (1 pair, not installed).				

NOTES:
1 Standard on 8' fixtures.
2 Available with DMW only.

DM/DMW Slimline

MOUNTING DATA

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

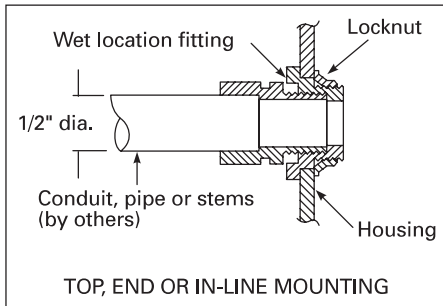
DM/DMW — Drill holes through housing and channel at appropriate locations.

DMW — 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.

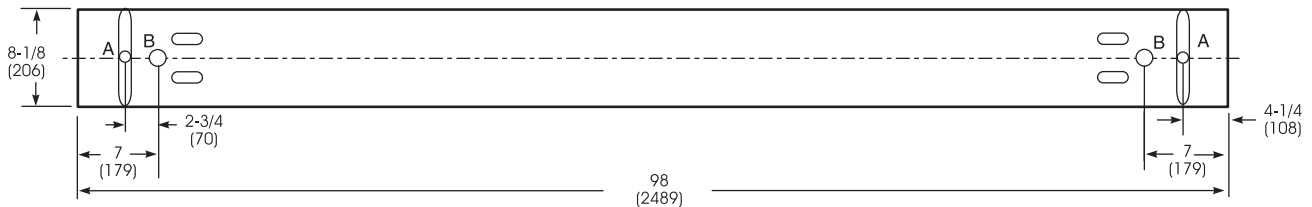
Recommended 1/2" nipple with union (by others) for DMW.



A = 11/16 (17) Dia.

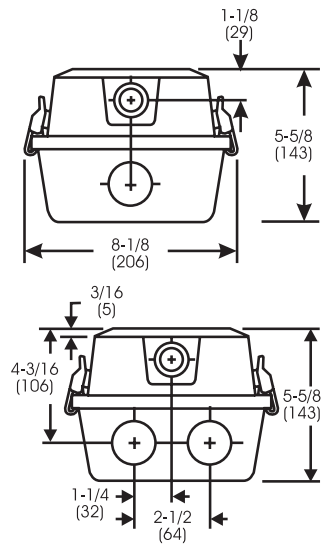
B = 1-1/8 (29) Dia.

Recommended mounting locations
(field drilling required)



DIMENSIONS

Inches (millimeters). Subject to change without notice.



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.

DM/DMW 1 48

Report LTL 4192

S/MH (along) 1.2 (across) 1.5

Coefficient of Utilization

Ceiling	80%			70%			50%		
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
1	82	77	73	79	74	70	69	65	62
2	74	66	60	70	63	58	58	54	49
3	67	58	50	64	55	49	51	45	41
4	61	51	43	58	49	42	45	39	34
5	55	44	37	53	43	35	39	33	29
10	37	26	19	35	25	19	23	18	14

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	396	13.2	16.4
0-40	667	22.2	27.6
0-60	1274	42.5	52.6
0-90	2047	68.2	84.6
90-180	372	12.4	15.4
0-180	2420	80.7	100.0

DM/DMW 2 96

Report LTL 4771

S/MH (along) 1.2 (across) 1.5

Coefficient of Utilization

Ceiling	80%			70%			50%		
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
1	78	74	70	75	71	68	66	63	61
2	70	64	58	67	61	56	57	53	49
3	64	56	49	61	54	48	50	45	41
4	58	49	42	56	47	41	44	38	34
5	53	43	36	51	41	35	39	33	29
10	35	25	19	34	24	18	23	17	14

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1691	13.4	17.8
0-40	2872	22.8	30.3
0-60	5521	43.8	58.2
0-90	8213	65.2	86.6
90-180	1272	10.1	13.4
0-180	9486	75.3	100.0

DM/DMW 2 48

Report LTL 4188

S/MH (along) 1.2 (across) 1.5

Coefficient of Utilization

Ceiling	80%			70%			50%		
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
1	78	74	70	75	71	68	66	63	61
2	70	64	58	67	61	56	57	53	49
3	64	56	49	61	54	48	50	45	41
4	58	49	42	56	47	41	44	38	34
5	53	43	36	51	41	35	39	33	29
10	35	25	19	34	24	18	23	17	14

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	805	13.4	17.8
0-40	1368	22.8	30.3
0-60	2629	43.8	58.2
0-90	3911	65.2	86.6
90-180	606	10.1	13.4
0-180	4517	75.3	100.0