

Catalog Number	
Notes	Type

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, 277V and MVOLT 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

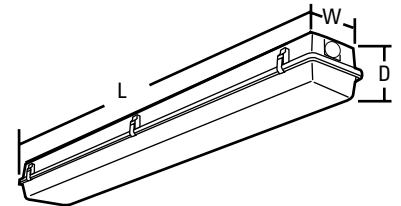
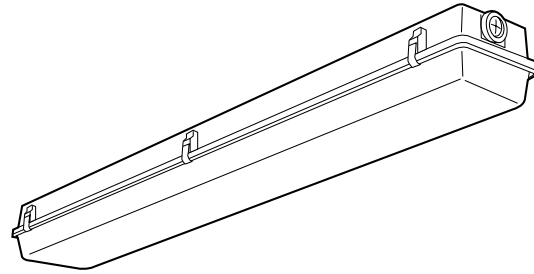
Guaranteed for one year against mechanical defects in manufacture.

Enclosed and Gasketed Industrial

DM/DMW

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

Example: **DMW 2 32 120 GEB**

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

Series	Number of lamps	Lamp type	Diffuser	Voltage	Options
DM Damp location	1, 2, 3 ¹ Not included	32 32W T8 (48")	(blank) Acrylic(15% DR) AR High-impact acrylic (50% DR) DP Deep acrylic ² ARDP Deep high-impact acrylic ²	120	ES Energy-saving ballasts (40W lamps only) CW Cold-weather ballasts, 0°F starting ⁴ 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 GEB10IS Electronic ballasts, ≤10% THD, Instant Start ¹ GEB10RS Electronic ballasts, ≤10% THD, Rapid Start ⁶
DMW Wet location		40 40W T12 (48")		277 347 MVOLT ³ Others available	
For tandem double-length unit, add prefix T. Example: TDM					
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 32W T8 lamps only.					
2 Deep lens is standard on 8' fixtures.					
3 MVOLT available with GEB10IS only.					
4 Not recommended for use in ambient temperatures exceeding 40°F.					
5 Available with only 32 watt and 40 watt lamp types.					
6 Available for the DMW only.					
GLR Internal fast-blow fuse					
GMF Internal slow-blow fuse					
NSF NSF International certification ⁶					
RIF1 Radio interference filter, 1 per fixture					
STSL Stainless steel latches					
WLF Wet location fittings (1 pair, installed in fixture top)					
CSA CSA Certified (Only required for 347V).					
NOM NOM Certified.					

DM/DMW Rapid Start

MOUNTING DATA

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

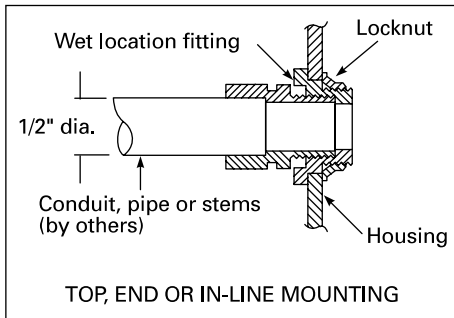
DM/DMW — Drill holes through housing and channel at appropriate locations.

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.

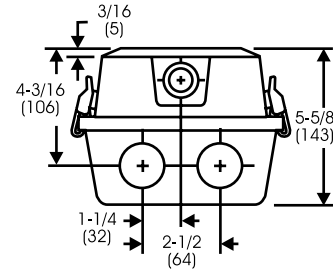
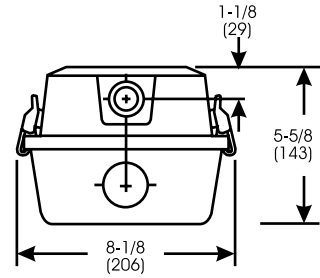
Row installation — Minimum of two hangers required. Recommend 1/2" nipple with union (by others) for DMW.

See ACCESSORIES below for hanging devices.



DIMENSIONS

Inches (millimeters). Subject to change without notice.



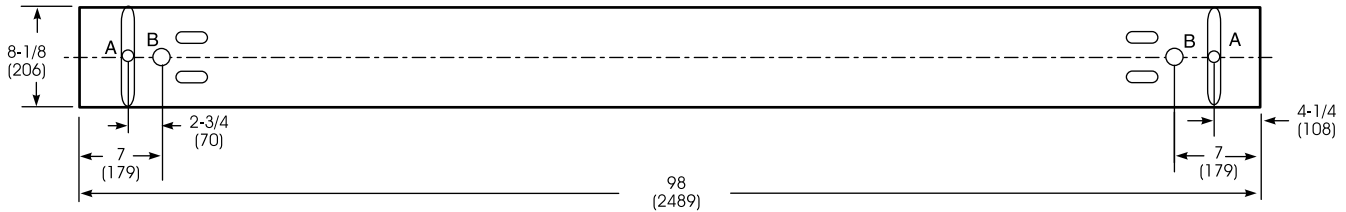
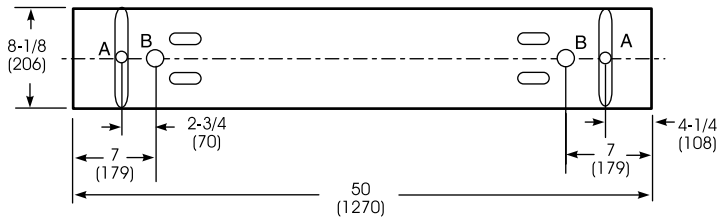
A = 11/16 (17) Dia.

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.

DM/DMW 1 40

Report LTL 4148

S/MH (along) 1.2 (across) 1.6

Coefficient of Utilization

Ceiling Wall	80%			70%			50%		
	70%	50%	30%	70%	50%	30%	50%	30%	10%
1	81	76	72	78	74	70	69	66	63
2	72	65	59	70	63	57	59	55	50
3	66	57	49	63	55	48	52	46	42
4	60	50	42	58	48	41	46	40	35
5	54	43	36	52	42	35	40	34	29
10	36	25	19	35	25	18	23	18	14

DM/DMW 2 40

Report LTL 4147

S/MH (along) 1.3 (across) 1.5

Coefficient of Utilization

Ceiling Wall	80%			70%			50%		
	70%	50%	30%	70%	50%	30%	50%	30%	10%
1	72	68	65	70	66	63	63	60	58
2	65	59	54	63	57	53	54	50	47
3	59	52	46	57	50	45	47	43	39
4	54	45	39	52	44	38	42	37	33
5	49	40	33	47	39	33	37	32	28
10	33	23	17	31	23	17	22	17	13

DM/DMW 2 32

Report LTL 5583

S/MH (along) 1.3 (across) 1.6

Coefficient of Utilization

Ceiling Wall	80%			70%			50%		
	70%	50%	30%	70%	50%	30%	50%	30%	10%
1	82	78	74	80	76	72	71	69	66
2	74	67	61	72	65	60	61	57	53
3	67	58	52	65	57	51	54	48	44
4	61	51	44	59	50	43	47	42	37
5	56	45	38	54	44	37	42	36	31
10	37	26	19	36	25	19	24	19	15

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	447	14.2	18.3
0-40	759	24.1	31.1
0-60	1459	46.3	59.8
0-90	2282	72.4	93.6
90-180	157	5.0	6.4
0-180	2439	77.4	100.0

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	869	13.8	20.3
0-40	1476	23.4	34.4
0-60	2789	44.3	65.0
0-90	4020	63.8	93.7
90-180	272	4.3	6.3
0-180	4293	68.1	100.0

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	884	15.2	19.5
0-40	1511	26.0	33.4
0-60	2883	49.7	63.7
0-90	4260	73.4	94.1
90-180	268	4.6	5.9
0-180	4528	78.1	100.0



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