

Day-Brite CFI

by Signify

Recessed

Wal-Master asymmetric

4', T8
semi-specular reflector



Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Day-Brite / CFI Wal-Master asymmetric is a cost effective high performance wall wash luminaire that delivers good light levels and an even wash of light. Low-iridescent semi-specular reflectors do not protrude below the ceiling line, providing a clean appearance while controlling the light output to illuminate vertical surfaces uniformly.

Ordering guide

Example: WMRL143UNV-1/1-EB

Family	Ceiling Type	Reflector	No. of Lamps	Length	Lamp Type	Voltage	Options
WM	R	L	1	4	3	—	
WM Wal-Master wall wash	R Recessed	L Low iridescent semi-specular aluminum	1 1 lamp	4 4'	3 32WT8	UNV Universal Voltage, 120-277V 120 120V 277 277V 347 347V	1/1 One 1-lamp ballast EB Electronic ballast, <10% THD EB10R Electronic ballast, program rapid start, <10% THD EBHE Electronic ballast, high efficiency, std. ballast factor EBLHE Electronic ballast, high efficiency, low ballast factor EBHHE Electronic ballast, high efficiency, high ballast factor EBSD Electronic ballast, step dimming, std. (.88) ballast factor EBD7 Mark 7 dimming ballast, 0-10V dimming EBDX Mark 10 dimming ballast, phase control dimming EBD Electronic dimming ballast, customer specified F1 3/8" flex, 3 wire 18 gauge 6' F2 3/8" flex, 4 wire 18 gauge 6' F2/5W 3/8" single flex, 5 wire 18 gauge 6' for dimmable luminaires GLR Fusing, fast blow RF1 RFI-1 RFI (Radio Interference) filter/suppressor

Accessories (order separately)

- **WL4DF/UNV** – drywall kit



WMRL Wal-Master asymmetric

4', T8, semi-specular reflector

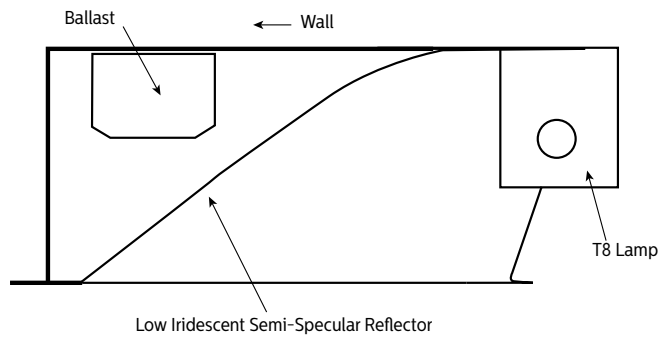
Features

- Low iridescent semi-specular reflector system for controlled light output.
- Evenly lights vertical surfaces or displays (no scallops).
- Less than 3:1 maximum to minimum wall illumination when installed 6' on center.
- Long lamp life.
- Efficient T8 lamp source.
- No edges protrude below ceiling line.
- Can be installed only 2' from wall to farthest edge of fixture (3' maximum).
- Fits all standard and narrow grid ceiling systems.
- One-piece body and adjustable hanger for easy, quick installation.
- Sides of fixture can support tile or sit on T-bar.

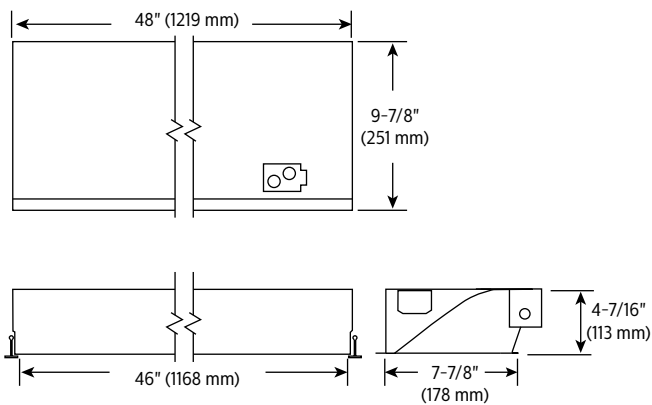
Specifications

- **Materials:** Chassis parts are die-formed code gauge cold rolled steel. Reflectors— low iridescent semi-specular aluminum.
- **Finish:** Chassis exterior—white baked acrylic enamel. Phosphate undercoating. Reflector—low iridescent semi-specular.
- **Electrical:** Rapid start HPF, thermally protected class "P" ballast. If K.O. is within 3" of ballast, use wire suitable for at least 90°.
- **Labels:** cULus listed. Suitable for damp locations.

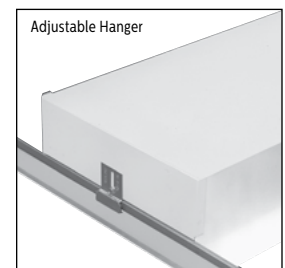
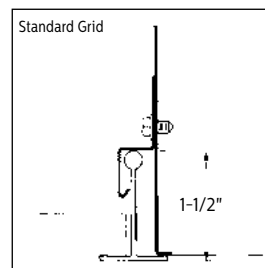
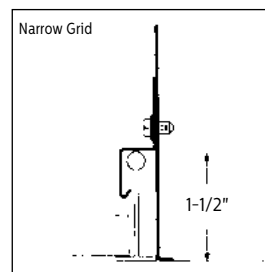
Features



Dimensions



Mounting methods



WMRL Wal-Master asymmetric

4', T8, semi-specular reflector

Photometry

Model No. WMRL143120

LER = 53.8 IW=31.5 BF=0.85
Comparative yearly lighting energy cost per 1000 lumens = \$4.46

Report Number: G96138

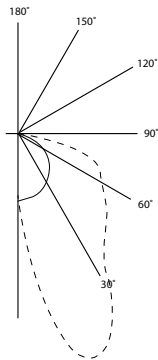
Catalog Number: WMRL143120

Lamp: (1) Linear T8 32W

Lamp Lumens: 2850

Luminaire: 4' Wal-Master / Accent troffer

Efficiency: 69.9%



Coefficients of Utilization

Ceiling	80%			50%			30%			
	70	50	30	50	30	10	50	30	10	
Wall	70	50	30	50	30	10	50	30	10	
RCR	Zonal Cavity Method—Effective Floor Cavity Reflectance = 0.20									
Room Cavity Ratio	1	76	73	69	68	66	64	65	63	62
	2	69	63	58	59	55	52	57	54	51
	3	63	55	49	52	47	44	50	46	43
	4	57	49	43	46	41	37	45	40	37
	5	53	44	37	41	36	32	40	35	32
	6	49	39	33	37	32	28	36	31	28
	7	45	36	29	34	29	25	33	28	25
	8	42	33	27	31	26	22	30	25	22
	9	39	30	24	29	24	20	28	23	20
	10	37	28	22	26	22	18	26	21	18

Footcandles on Wall Fixtures 3 Feet from Wall to Outside Trim on Lamp Side of Fixture

Ceiling	Individual Walmaster								Multiple Units							
	0'	1'	2'	3'	4'	5'	6'	7'	← 6' →							
8'	49	38	21	12	8	5	4	3	58	46	32	28	32	46	58	
7'	49	22	29	18	12	8	6	4	59	54	44	40	44	54	59	
6'	36	33	25	18	12	8	6	5	48	45	41	39	41	45	48	
5'	27	25	21	16	12	9	7	5	39	38	37	36	37	39	39	
4'	21	20	17	14	11	8	7	5	33	32	32	31	32	32	33	
3'	16	16	14	12	9	8	6	5	28	28	28	28	28	28	28	
2'	13	13	12	10	9	7	6	5	25	24	24	24	24	24	25	
1'	11	10	10	9	8	6	6	5	21	21	21	21	21	21	21	
Floor																

Ceiling	Multiple Units								Continuous Row									
	← 8' →								0'	1'	2'	3'	4'	5'	6'	7'	8'	
8'	53	41	26	18	16	18	26	41	53	50	59	68	59	51	59	68	59	50
7'	52	46	34	26	23	26	34	46	52	67	71	76	72	69	72	76	71	67
6'	41	38	32	26	24	26	32	38	41	60	63	65	64	63	64	65	63	52
5'	32	30	27	25	24	25	27	30	32	52	54	55	55	55	55	55	53	52
4'	25	25	24	22	21	22	24	25	25	46	46	47	47	48	47	46	46	46
3'	21	21	20	20	19	20	20	21	21	38	39	40	40	41	40	40	39	38
2'	18	18	18	17	17	17	18	18	18	33	34	35	35	35	35	35	34	33
1'	15	15	15	15	15	15	15	15	15	28	29	30	30	30	30	30	29	28
Floor																		



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

