

Day-Brite CFI

by Signify

Recessed

Wal-Master asymmetric

4', Tandem TT5,
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: **WMRL244UNV-1/2-EB**

Family	Ceiling Type	Reflector	No. of Lamps	Length	Lamp Type	Voltage	Options
WM	R	L	2	4		—	
WM Wal-Master wall wash	R Recessed	L Low iridescent semi-specular aluminum	2 2 lamp	4 4'	1 18WTT5 2 24WTT5 4 40WTT5 5 50WTT5 6 55WTT5	UNV Universal voltage, 120-277V 120 120V 277 277V 347 347V	1/2 One 2-lamp ballast EB Electronic ballast, <10% THD EB101 CF40 electronic ballast, instant start, <10% THD EBD7 Mark 7 dimming ballast, 0-10V dimming (not available for 18WTT5, 24WTT5 or 50WTT5) EBDX Mark 10 dimming ballast, phase control dimming (not available for 18WTT5 or 50WTT5) EBD Electronic dimming ballast, customer specified F1 3/8" flex, 3 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(s)

Accessories (order separately)

- **WL4DF/UNV** – drywall kit



WMRL Wal-Master asymmetric

4', Tandem TT5, semi-specular reflector

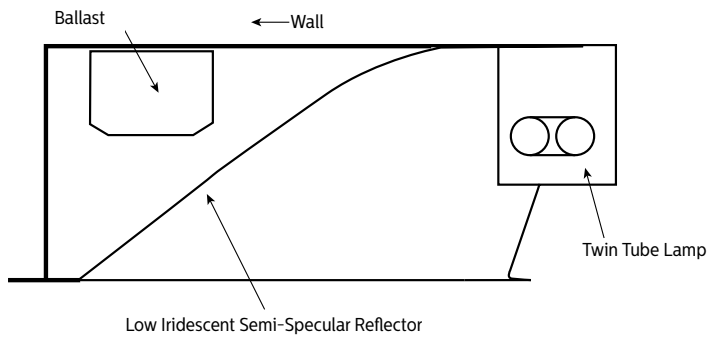
Features

- Low iridescent semi-specular reflector system for controlled light output.
- Evenly lights vertical surfaces or displays (no scallops).
- 87% energy savings vs. incandescent.
- Less than 3:1 maximum to minimum wall illumination when installed 6' on center.
- 20,000 hours lamp life requires less maintenance than incandescent.
- 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.

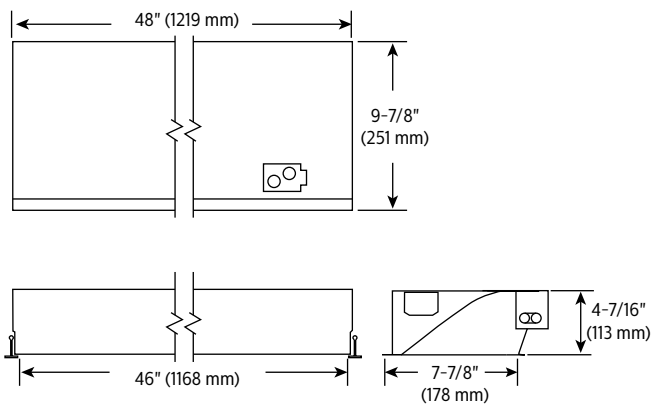
Specifications

- **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.

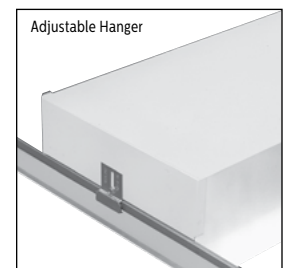
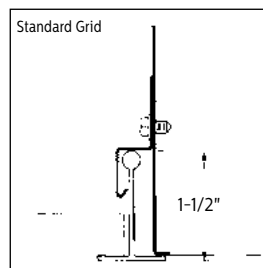
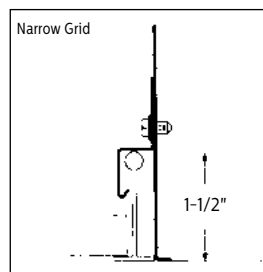
Features



Dimensions



Mounting methods



WMRL Wal-Master Asymmetric

4', Tandem TT5, semi-specular reflector

Photometry

Model No. WMRL244120

LER = FP-51.6 IW-86.7 BF-0.95
 Comparative yearly lighting energy cost per
 1000 lumens = \$4.65

Report Number: G96139

Catalog Number: WMRL244120

Lamp: (2) Twin Tube TT5 40W

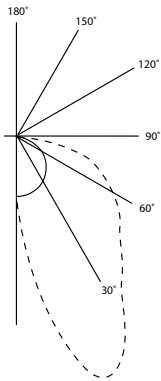
Lamp Lumens: 3150

Luminaire: 4' Wal-Master / Accent troffer

Efficiency: 74.8%

Coefficients of Utilization

Ceiling	80%			50%			30%			
Wall	70	50	30	50	30	10	50	30	10	
RCR	Zonal Cavity Method—Effective Floor Cavity Reflectance = 0.20									
Room Cavity Ratio	1	81	77	74	72	70	68	70	67	66
	2	73	67	62	63	59	55	60	57	54
	3	67	59	52	55	50	46	53	49	45
	4	61	52	45	49	43	39	47	42	38
	5	56	46	39	44	38	33	42	37	33
	6	51	41	34	39	33	29	38	33	29
	7	48	37	31	35	30	26	34	29	25
	8	44	34	27	32	27	23	31	26	23
	9	41	31	25	30	24	20	29	24	20
	10	39	29	22	27	22	18	27	22	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'	116	88	51	30	19	13	10	08	135	109	77	67	77	110	137
7'	119	102	71	45	28	18	14	11	142	130	108	88	109	133	147
6'	92	83	64	45	31	22	16	12	117	114	104	99	105	117	123
5'	69	64	53	40	30	22	16	13	95	95	92	90	94	99	192
4'	52	50	43	35	27	21	17	13	79	80	79	79	81	84	86
3'	40	39	35	30	24	19	15	13	66	67	67	69	70	71	72
2'	32	31	29	25	21	17	15	12	56	57	58	59	60	61	61
1'	26	25	23	21	18	15	13	12	47	49	50	51	51	52	52
Floor															

Ceiling	Multiple Units								Continuous Row									
	← 8' →								0'	1'	2'	3'	4'	5'	6'	7'	8'	
8'	124	97	61	43	37	43	61	97	124	151	134	119	139	162	140	122	140	162
7'	128	113	85	65	58	65	85	113	128	166	167	164	176	186	178	170	178	186
6'	102	95	80	67	62	67	80	96	102	142	149	152	159	164	162	159	162	164
5'	80	77	69	62	59	62	70	77	80	119	126	131	136	139	139	139	139	139
4'	64	63	60	56	54	56	60	63	64	100	106	112	115	117	118	119	118	117
3'	52	52	51	49	47	49	51	52	52	85	90	94	97	99	100	101	100	99
2'	43	44	43	43	42	42	43	44	43	73	77	80	83	85	86	86	86	85
1'	35	36	36	36	36	36	36	36	36	63	66	68	70	72	72	73	72	72
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

