

Microlinea Series

MLWW Asymmetric Wall Wash

**3 1/8" x 3 1/2" Direct
(T5 or T5HO Lamps)**



Utilizing a single T5 or T5HO lamp and a precisely designed three-piece interlocking reflector system, the wall wash optics provide uniform illumination on vertical surfaces.

See reverse for Photometrics and Mounting Dimensions.

S P E C I F I C A T I O N S

Housing

One piece .080" thick extruded aluminum. Die-cast aluminum end caps are secured with no visible fasteners. Standard nominal lengths are 4', 8' and 12'.

Finish

Standard and premium finishes are baked powder coat electrostatically applied (2.0 mil minimum thickness) to assure aesthetics and durability. Standard finish for stems and canopies is white. Finish of wall bracket arms and wall plate to match fixture housing.

Extended Arm Wall Brackets

Extruded aluminum arms with die-cast aluminum wall plate; Standard arm lengths are 12", 18", 24" and 30".

Reflector

Three piece extruded aluminum assembly. Upper and lamp side extrusions are specular. Wall side extrusion is baked "flat black" power coat to minimize glare to room side.

Ballast

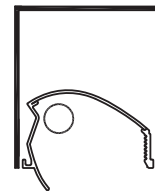
Standard ballasts for T5 and T5HO lamps are UL/CUL listed, Class P, HPF, electronic, universal 120/277volt, programmed rapid start with <10% THD.

Circuitry

All fixtures are factory pre-wired for a single circuit.

Certification

All fixtures are UL/CUL listed for use in 'Dry Applications'. 'Damp Location' is optional.



MLWW
T5 or T5HO

Series
MLWW

Mountings

EA12 = 12" Extended Arm Wall Bracket
EA18 = 18" Extended Arm Wall Bracket
EA24 = 24" Extended Arm Wall Bracket
EA30 = 30" Extended Arm Wall Bracket
CT = Cable (15/16" Tbar) Fully Adjustable (36" Standard)
CN = Cable (Non-Tbar) Fully Adjustable (36" Standard)
P = Rigid Stem (Up to 48" Standard)
J = Ceiling

MLWW-4-EA24-F01M-120-T5HO-[]

Standard Fixture Lengths
4', 8' and 12' Nominal

Standard Finishes

F01M Matte White

Premium Finishes

F01G Gloss White	F12 Ultrasonic Clear
F02 Ivory	F13 Merlot
F03 Stonewash	F14 Red Skies
F04 Camel	F15 Lemon
F05 Gray Day	F16 Forest Hunter
F06 Pebble Beach	F17 Olive
F07 Steel	F18 Khaki
F08 Gray Seal	F19 Heather Green
F09 Mocha	F20 Blue Print
F10 Bronzed	F21 Reflex Blue
F11 Black	F22 Navy

FCC Custom Color

To view Wood Grain, Marble and Granite Finishes on our Website see "Products"--"Specialty Finishes".

Voltage

120

277

Lamp Type

T5

T5HO

Options

EBPL
Emergency Battery Pack
(635-700 Lumens)
(N/A for 2' or 3')

EBPH
Emergency Battery Pack
(975-1325 Lumens)
(N/A for 2' or 3')

Dim

Dimming

FS

Fused Ballasts

GTD

Generator Transfer Device
(N/A for 2' or 3')

DL

Damp Location



Precision Architectural Lighting 4830 Timber Creek Drive Houston, Texas 77017
Tel 713.946.4343 Fax 713.946.4441 www.pal-lighting.com

MLWW-T5

Asymmetric Open Wall Wash Optical Control

Catalog Number: MLWW-4'-X-F01M-120-T5

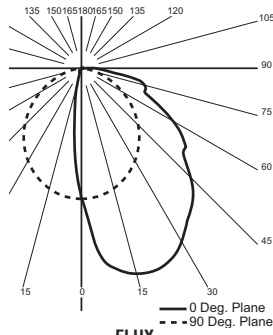
Report Number: LTL#19147.ies

Luminaire Description: Extruded Aluminum Housing with Specular Upper and Lamp Side Extrusions and Black Wall Side Extrusion

Lamp: One Philips F28T5/835/ALTO
Rated at 2610 Lumens

Total Luminaire Efficiency = 56.0%

0% Up 100% Down



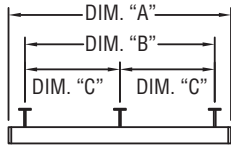
CANDELA DISTRIBUTION

FLUX

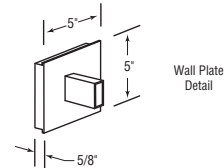
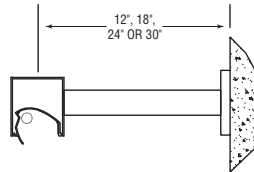
	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5
0	557	557	557	557	557	557	557	557	557	557	557	557	557	557	557	557
5	775	771	719	633	554	489	422	368	335	368	422	489	554	633	719	771
15	907	897	865	782	531	308	150	93	71	93	150	308	531	782	865	897
25	899	890	865	782	486	154	33	15	11	15	33	154	486	782	865	890
35	789	784	792	724	422	70	11	6	5	6	11	70	422	724	792	784
45	658	658	647	623	342	19	6	4	3	4	6	19	342	623	647	658
55	532	515	494	487	251	9	4	4	4	4	4	9	251	487	494	515
65	355	350	351	322	156	5	3	2	2	2	3	5	156	322	351	350
75	279	253	183	171	71	3	1	0	0	0	1	3	71	171	183	253
85	98	88	73	60	12	1	0	0	0	0	0	1	12	60	73	88
90	62	54	36	13	1	0	0	0	0	0	0	1	13	36	54	
95	0	2	4	0	1	0	0	0	0	0	0	1	0	4	2	2.9
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
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145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

Standard Fixture Lengths and Mounting Centers

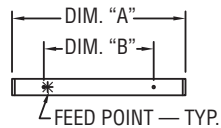
Wall Mount



FIXTURE LENGTH	MOUNTING CENTERS	
DIM. "A"	DIM. "B"	DIM. "C"
48 7/8"	34 7/8"	—
95 5/8"	81 5/8"	—
142 3/8"	128 3/8"	66 3/16"



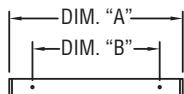
Cable Mount



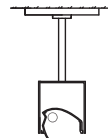
FIXTURE LENGTH	MTG. CENTERS
DIM. "A"	DIM. "B"
48 7/8"	34 7/8"
95 5/8"	81 5/8"
142 3/8"	128 3/8"



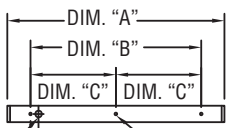
Stem Mount



FIXTURE LENGTH	MTG. CENTERS
DIM. "A"	DIM. "B"
48 7/8"	34 7/8"
95 5/8"	81 5/8"
142 3/8"	128 3/8"



Direct Ceiling Mount



FIXTURE LENGTH	MOUNTING CENTERS	
DIM. "A"	DIM. "B"	DIM. "C"
48 7/8"	34 7/8"	—
95 5/8"	81 5/8"	—
142 3/8"	128 3/8"	66 3/16"



2" DIA. HOLE
FEED POINT — TYP.
5/16" DIA. MTG. HOLE — TYP.

PAL RESERVES THE RIGHT TO CHANGE PRODUCT DESIGN AND SPECIFICATIONS. CONTACT FACTORY FOR MOST RECENT PRODUCT INFORMATION.



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