

Microlinea™ Wall Series 5 - Fluorescent

Catalog Number	Type
Project Name	



MLP5-D1•MLP5-D2

5 1/4" x 3 11/16" Direct
(*T5, T5HO or T8 Lamps)

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

Housing

One-piece .090" thick extruded aluminum. Die-cast aluminum end caps are secured with no visible fasteners. Standard lengths are nominal 4', 8' & 12'. Provisions may be made for continuous rows of any length.

Finish

Standard and premium finishes are baked powder coat electrostatically applied (2.0 mil minimum thickness) to assure aesthetics and durability.

Direct Optical Controls

- (PB) 3/4" deep semi-specular aluminum parabolic baffle with blades on 1 1/2" centers
- (PBW) 3/4" deep white aluminum parabolic baffle with blades on 1 1/2" centers
- (LP) Flush clear extruded 100% DR acrylic linear prismatic lens
- (TWA) Flush translucent white extruded 100% DR acrylic lens
- (FC) Flush frosted clear extruded DR acrylic lens

Reflectors

Die-formed from .020" thick aluminum and finished with a high reflectance white enamel.

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.
- Standard ballasts for T8 lamps are UL/CUL listed, Class P, HPF, electronic, universal 120/277volt, instant start with <10% THD.

Circuitry

All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

Wiring

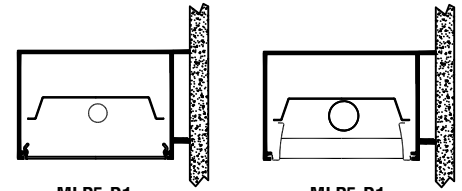
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

Controls

Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

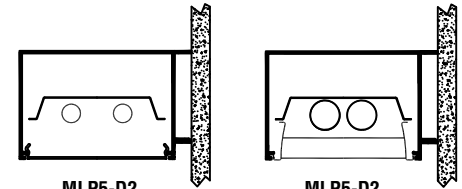
Certification

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



MLP5-D1
T5 or T5HO
Flush Lens Shown

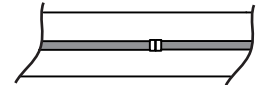
MLP5-D1
T8
Parabolic Baffle Shown



MLP5-D2
T5 or T5HO
Flush Lens Shown

MLP5-D2
T8
Parabolic Baffle Shown

In-Line Lamps:

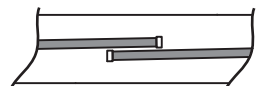


1 Lamp T5/T5HO
1 Lamp T8

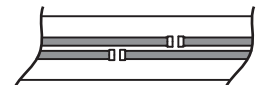


2 Lamp T5/T5HO
2 Lamp T8

Staggered Lamps:



1 Lamp T5/T5HO
1 Lamp T8



2 Lamp T5/T5HO
2 Lamp T8

Series: MLP5-D1, MLP5-D2 | Standard Lengths: 4', 8' and 12' | Mounting: W = Wall | Lamp Type: T5, T5HO, T8

MLP5-D1-IL-12-W-PB-F01M-V-T5HO-[]

Lamp Configuration

IL
In-Line Lamps - T5,T5HO,T8

STG
*Staggered Lamps - T5,T5HO,T8

*See Microlinea Row Guide Section for staggered lamp continuous row lengths.

Direct Optical Controls

PB Semi-Specular Parabolic Baffle
TWA Translucent White Acrylic Lens

PBW White Parabolic Baffle
FC Frosted Clear Lens

LP Linear Prismatic Lens

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
F11G Gloss Black F22 Navy
F11M Matte Black FCC Custom Color

Voltage

120
277
347

Options

SS(L/R) (Left/Right) Lamp Row Switching (Common Neutral)

NLCKT Night Light Circuit (Common Neutral)

EMCKT Emergency Circuit (Separate Hot & Neutral)

EBPL Emergency Battery Pack (635-700 Lumens)

EBPH Emergency Battery Pack (975-1325 Lumens)

Dim Dimming

FS Fused Ballasts

GTD Generator Transfer Device

AO White Acrylic Baffle Overlay (N/A for 2-Lp T5HO)

DL Damp Location

RS Rapid Start Ballast (T8)



Wall MLP5-D1

Direct - T5 Lamp

Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLP5-D1-4'-W-PB-F01M-120-T5

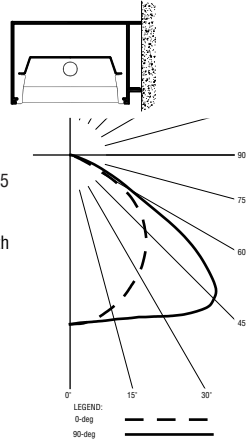
Report Number: ITL#76159.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Semi-Specular Parabolic Baffle

Lamp: One Sylvania FP28T5/841/ECO
Rated at 2600 Lumens

Total Luminaire Efficiency = 77.1%

0% Up 100% Down



MLP5-D1

Direct - T8 Lamp

Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLP5-D1-4'-W-PB-F01M-120-T8

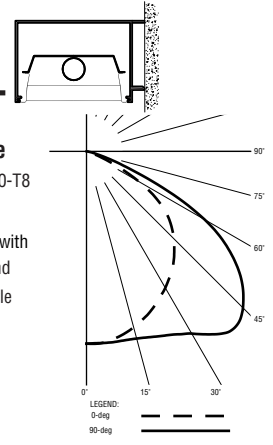
Report Number: ITL#77262.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Semi-Specular Parabolic Baffle

Lamp: One Sylvania F032T8/835
Rated at 2950 Lumens

Total Luminaire Efficiency = 67.7%

0% Up 100% Down



MLP5-D1

Direct - T5 Lamp

Translucent White Acrylic Lens

Catalog Number: MLP5-D1-4'-W-TWA-F01M-120-T5

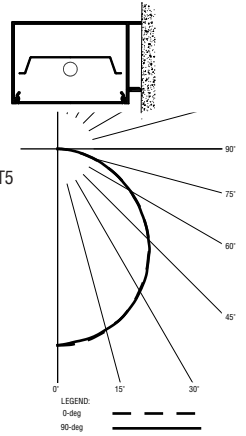
Report Number: ITL#76161.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Translucent White Acrylic Lens

Lamp: One Sylvania FP28T5/841/ECO
Rated at 2600 Lumens

Total Luminaire Efficiency = 73.1%

0% Up 100% Down



MLP5-D1

Direct - T8 Lamp

Translucent White Acrylic Lens

Catalog Number: MLP5-D1-4'-W-TWA-F01M-120-T8

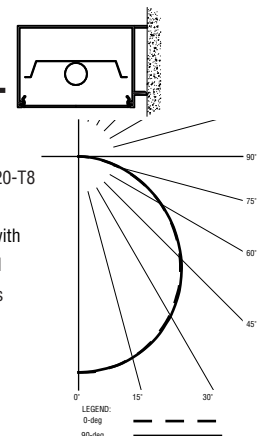
Report Number: ITL#77260.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Translucent White Acrylic Lens

Lamp: One Sylvania F032T8/835
Rated at 2950 Lumens

Total Luminaire Efficiency = 58.1%

0% Up 100% Down



MLP5-D1

Direct - T5 Lamp

Frosted Clear Acrylic Lens

Catalog Number: MLP5-D1-4'-W-FC-F01M-120-T5

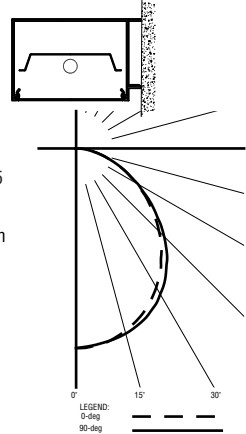
Report Number: ITL#76157.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Frosted Clear Acrylic Lens

Lamp: One Sylvania FP28T5/841/ECO
Rated at 2600 Lumens

Total Luminaire Efficiency = 80.0%

0% Up 100% Down



MLP5-D1

Direct - T8 Lamp

Frosted Clear Acrylic Lens

Catalog Number: MLP5-D1-4'-W-FC-F01M-120-T8

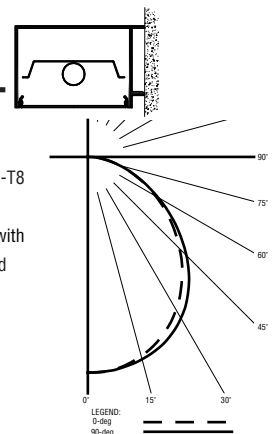
Report Number: ITL#77261.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Frosted Clear Acrylic Lens

Lamp: One Sylvania F032T8/835
Rated at 2950 Lumens

Total Luminaire Efficiency = 66.1%

0% Up 100% Down



MLP5ASY

Direct Asymmetric - T5 Lamp

Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLP5ASY-4'-W-PB-F01M-120-T5

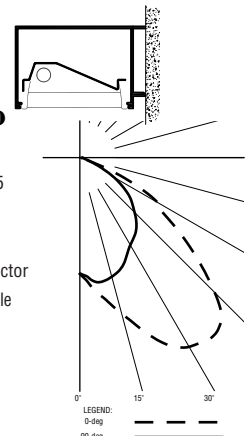
Report Number: ITL#78202.ies

Luminaire Description: Extruded Aluminum Housing with Specular Asymmetric Alum. Reflector and Semi-Specular Parabolic Baffle

Lamp: One Sylvania FP28T5/841/ECO
Rated at 2600 Lumens

Total Luminaire Efficiency = 71.0%

0% Up 100% Down



MLP5ASY

Direct Asymmetric - T8 Lamp

Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLP5ASY-4'-W-PB-F01M-120-T8

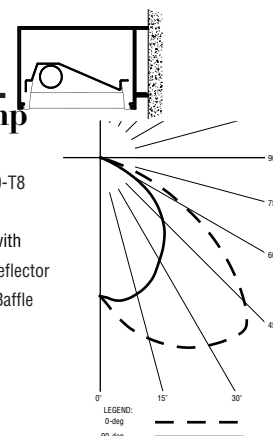
Report Number: ITL#78205.ies

Luminaire Description: Extruded Aluminum Housing with Specular Asymmetric Alum. Reflector and Semi-Specular Parabolic Baffle

Lamp: One Sylvania F032T8/835
Rated at 2950 Lumens

Total Luminaire Efficiency = 60.6%

0% Up 100% Down



For more information, visit our website at www.pal-lighting.com



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Made in America

Wall

MLP5-D2

Direct - T5 Lamps

Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLP5-D2-4'-W-PB-F01M-120-T5

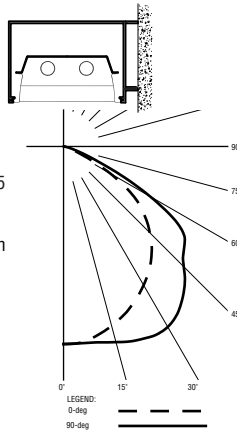
Report Number: ITL#76164.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Semi-Specular Parabolic Baffle

Lamp: Two Sylvania FP28T5/841/ECO
Rated at 2600 Lumens Each

Total Luminaire Efficiency = 69.5%

0% Up 100% Down



MLP5-D2

Direct - T8 Lamps

Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLP5-D2-4'-W-PB-F01M-120-T8

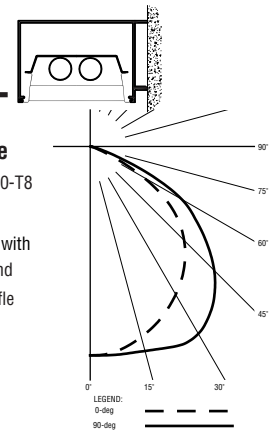
Report Number: ITL#77267.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Semi-Specular Parabolic Baffle

Lamp: Two Sylvania F032T8/835
Rated at 2950 Lumens Each

Total Luminaire Efficiency = 64.3%

0% Up 100% Down



MLP5-D2

Direct - T5 Lamps

Translucent White Acrylic Lens

Catalog Number: MLP5-D2-4'-W-TWA-F01M-120-T5

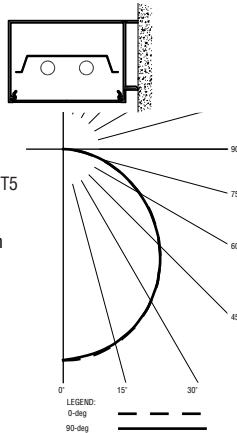
Report Number: ITL#76166.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Translucent White Acrylic Lens

Lamp: Two Sylvania FP28T5/841/ECO
Rated at 2600 Lumens Each

Total Luminaire Efficiency = 62.0%

0% Up 100% Down



MLP5-D2

Direct - T8 Lamps

Translucent White Acrylic Lens

Catalog Number: MLP5-D2-4'-W-TWA-F01M-120-T8

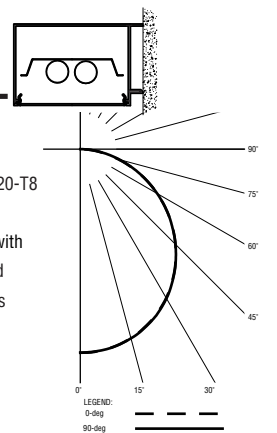
Report Number: ITL#77265.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Translucent White Acrylic Lens

Lamp: Two Sylvania F032T8/835
Rated at 2950 Lumens Each

Total Luminaire Efficiency = 54.4%

0% Up 100% Down



MLP5-D2

Direct - T5 Lamps

Linear Prismatic Acrylic Lens

Catalog Number: MLP5-D2-4'-W-LP-F01M-120-T5

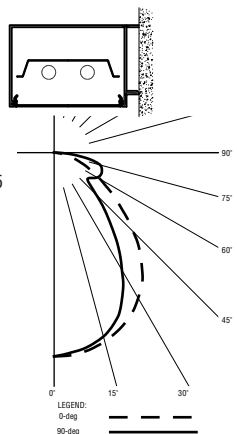
Report Number: ITL#76163.ies

Luminaire Description: Extruded Alum. Housing with White Aluminum Reflector and Linear Prismatic Acrylic Lens

Lamp: Two Sylvania FP28T5/841/ECO
Rated at 2600 Lumens Each

Total Luminaire Efficiency = 67.5%

0% Up 100% Down



MLP5-D2

Direct - T8 Lamps

Linear Prismatic Acrylic Lens

Catalog Number: MLP5-D2-4'-W-LP-F01M-120-T8

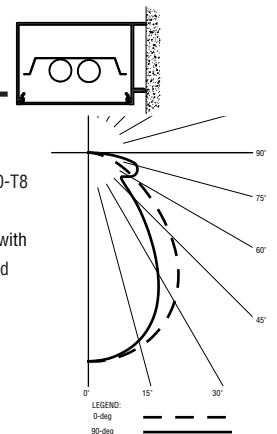
Report Number: ITL#77264.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Linear Prismatic Acrylic Lens

Lamp: Two Sylvania F032T8/835
Rated at 2950 Lumens Each

Total Luminaire Efficiency = 61.1%

0% Up 100% Down



MLP5-D2

Direct - T5 Lamps

Frosted Clear Acrylic Lens

Catalog Number: MLP5-D2-4'-W-FC-F01M-120-T5

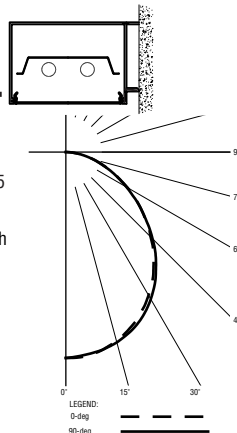
Report Number: ITL#76162.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Frosted Clear Acrylic Lens

Lamp: Two Sylvania FP28T5/841/ECO
Rated at 2600 Lumens Each

Total Luminaire Efficiency = 69.0%

0% Up 100% Down



MLP5-D2

Direct - T8 Lamps

Frosted Clear Acrylic Lens

Catalog Number: MLP5-D2-4'-W-FC-F01M-120-T8

Report Number: ITL#77266.ies

Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Frosted Clear Acrylic Lens

Lamp: Two Sylvania F032T8/835
Rated at 2950 Lumens Each

Total Luminaire Efficiency = 61.7%

0% Up 100% Down

