

# Microlinea™ Wall Series 5 - Fluorescent

## MLP5-I1ASY/D2•MLP5-I2/D1

5 1/4" x 5 3/8" Indirect/Direct  
(T5, T5HO and 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 nom. 4', 8' and 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.

#### Indirect Optical Controls

- (OP) Open
- (DC) Extruded 100% DR acrylic dust cover

#### 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

- Indirect - (Asymmetric) Die-formed from .020" thick high reflectance specular aluminum.
- Indirect - (Symmetric) Die-formed from .020" thick aluminum and finished with a high reflectance white enamel.
- Direct - (Symmetric) 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

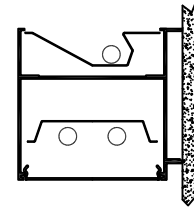
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

#### Controls

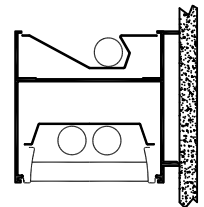
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

#### Certification

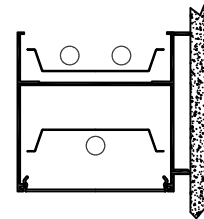
All fixtures are UL/CUL listed for use in 'Dry Applications'. 'Damp Location' is optional.



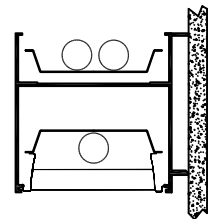
**MLP5-I1ASY/D2**  
T5 or T5HO  
Flush Lens Shown



**MLP5-I1ASY/D2**  
T8  
Parabolic Baffle Shown

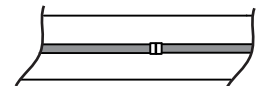


**MLP5-I1/D2**  
T5 or T5HO  
Flush Lens Shown

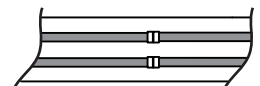


**MLP5-I2/D1**  
T8  
Parabolic Baffle Shown

#### In-Line Lamps:



1 Lamp T5/T5HO  
1 Lamp T8



2 Lamp T5/T5HO  
2 Lamp T8

**Series**  
MLP5-I1ASY/D2  
MLP5-I2/D1

**Standard Lengths:**  
4', 8' and 12'

**Mounting**  
W = Wall

**Voltage**  
120  
277  
347

**Lamp Type**  
T5  
T5HO  
T8

**MLP5-I2/D1-IL-12-W-DC/PB-F01M-V-T5-[ ]**

#### Lamp Configuration

**IL**  
In-Line Lamps - T5, T5HO, T8

#### Indirect Optical Controls

**OP**  
Open  
**DC**  
Dust Cover

#### Direct Optical Controls

**PB**  
Semi-Specular  
Parabolic Baffle  
**PBW**  
White Parabolic Baffle  
**LP**  
Linear Prismatic Lens  
**TWA**  
Translucent White  
Acrylic Lens  
**FC**  
Frosted Clear Lens

#### Standard Finishes

**F01M** Matte White  
**Premium Finishes**  
**F01G** Gloss White  
**F02** Ivory  
**F03** Stonewash  
**F04** Camel  
**F05** Gray Day  
**F06** Pebble Beach  
**F07** Steel  
**F08** Gray Seal  
**F09** Mocha  
**F10** Bronzed  
**F11G** Gloss Black  
**F11M** Matte Black  
**F12** Ultrasonic Clear  
**F13** Merlot  
**F14** Red Skies  
**F15** Lemon  
**F16** Forest Hunter  
**F17** Olive  
**F18** Khaki  
**F19** Heather Green  
**F20** Blue Print  
**F21** Reflex Blue  
**F22** Navy  
**FCC** Custom Color

#### Options

**SS(U/L)** (Upper/Lower)  
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)



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# Wall

## MLP5-I1ASY/D2

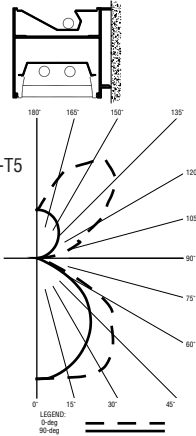
### Indirect/Direct - T5 Lamps Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLP5-I1ASY/D2-4-W-OP/PB-F01M-120-T5  
Report Number: ITL#78301.ies

**Luminaire Description:** Extruded Aluminum Housing with Specular Aluminum Reflector Up and Open Top, and White Aluminum Reflector Down and Semi-Specular Parabolic Baffle

**Lamps:** Three FP28T5/841/ECO  
Rated at 2600 Lumens Each

Total Luminaire Efficiency = 72.5%  
38% Up 62% Down



## MLP5-I1ASY/D2

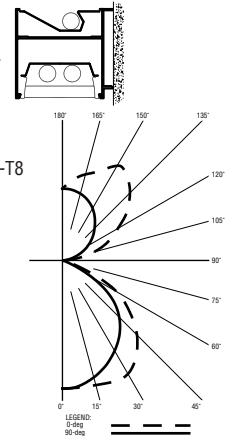
### Indirect/Direct - T8 Lamps Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLP5-I1ASY/D2-4-W-OP/PB-F01M-120-T8  
Report Number: ITL#78313.ies

**Luminaire Description:** Extruded Aluminum Housing with Specular Aluminum Reflector Up and Open Top, and White Aluminum Reflector Down and Semi-Specular Parabolic Baffle

**Lamps:** Three F032T8/835  
Rated at 2950 Lumens Each

Total Luminaire Efficiency = 67.4%  
40% Up 60% Down



## MLP5-I1ASY/D2

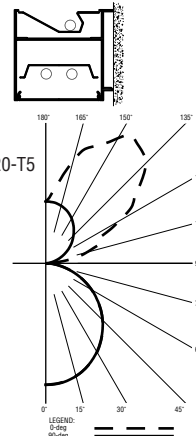
### Indirect/Direct - T5 Lamps Translucent White Acrylic Lens

Catalog Number: MLP5-I1ASY/D2-4-W-OP/TWA-F01M-120-T5  
Report Number: ITL#78300.ies

**Luminaire Description:** Extruded Aluminum Housing with Specular Aluminum Reflector Up and Open Top, and White Aluminum Reflector Down and Translucent White Acrylic Lens

**Lamps:** Three FP28T5/841/ECO  
Rated at 2600 Lumens Each

Total Luminaire Efficiency = 64.9%  
42% Up 58% Down



## MLP5-I1ASY/D2

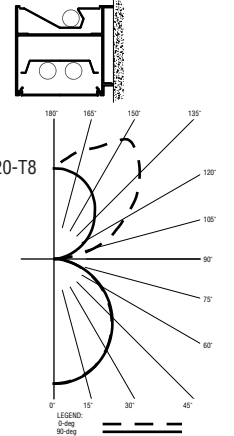
### Indirect/Direct - T8 Lamps Translucent White Acrylic Lens

Catalog Number: MLP5-I1ASY/D2-4-W-OP/TWA-F01M-120-T8  
Report Number: ITL#78312.ies

**Luminaire Description:** Extruded Aluminum Housing with Specular Aluminum Reflector Up and Open Top, and White Aluminum Reflector Down and Translucent White Acrylic Lens

**Lamps:** Three F032T8/835  
Rated at 2950 Lumens Each

Total Luminaire Efficiency = 60.5%  
44% Up 56% Down



## MLP5-I2/D1

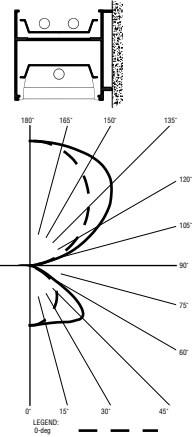
### Indirect/Direct - T5 Lamps Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLP5-I2/D1-4-W-OP/PB-F01M-120-T5  
Report Number: ITL#78295.ies

**Luminaire Description:** Extruded Aluminum Housing with White Aluminum Reflector Up and Open Top, and White Aluminum Reflector Down and Semi-Specular Parabolic Baffle

**Lamps:** Three F28T5/841/ECO  
Rated at 2600 Lumens Each

Total Luminaire Efficiency = 88.9%  
71% Up 29% Down



## MLP5-I2/D1

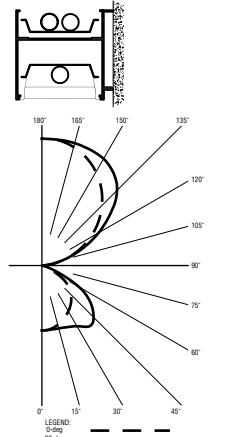
### Indirect/Direct - T8 Lamps Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLP5-I2/D1-4-W-OP/PB-F01M-120-T8  
Report Number: ITL#78307.ies

**Luminaire Description:** Extruded Aluminum Housing with White Aluminum Reflector Up and Open Top, and White Aluminum Reflector Down and Semi-Specular Parabolic Baffle

**Lamps:** Three F032T8/835  
Rated at 2950 Lumens Each

Total Luminaire Efficiency = 77.9%  
68% Up 32% Down



## MLP5-I2/D1

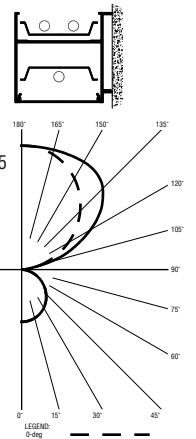
### Indirect/Direct - T5 Lamps Translucent White Acrylic Lens

Catalog Number: MLP5-I2/D1-4-W-OP/TWA-F01M-120-T5  
Report Number: ITL#78294.ies

**Luminaire Description:** Extruded Aluminum Housing with White Aluminum Reflector Up and Open Top, and White Aluminum Reflector Down and Translucent White Acrylic Lens

**Lamps:** Three F28T5/841/ECO  
Rated at 2600 Lumens Each

Total Luminaire Efficiency = 84.9%  
74% Up 26% Down



## MLP5-I2/D1

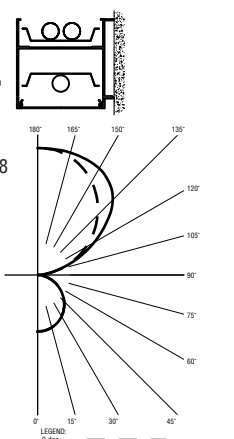
### Indirect/Direct - T8 Lamps Translucent White Acrylic Lens

Catalog Number: MLP5-I2/D1-4-W-OP/TWA-F01M-120-T8  
Report Number: ITL#78306.ies

**Luminaire Description:** Extruded Aluminum Housing with White Aluminum Reflector Up and Open Top, and White Aluminum Reflector Down and Translucent White Acrylic Lens

**Lamps:** Three F032T8/835  
Rated at 2950 Lumens Each

Total Luminaire Efficiency = 73.7%  
71% Up 29% Down



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