

Microlinea™ Suspended Series 5 - Fluorescent



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' and 12'. Provisions may be made for patterns and 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 - Die-formed from .020" thick aluminum and finished with a high reflectance white enamel.
- Direct - 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.

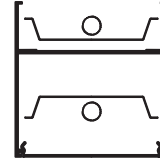
Certification

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

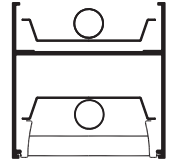
Catalog Number	Type
Project Name	

MLS5-I1/D1•MLS5-I2/D2

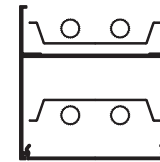
5 1/4" x 5 3/8" Indirect/Direct
(T5, T5HO or T8 Lamps)



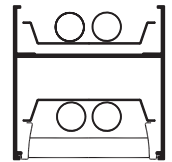
MLS5-I1/D1
T5 or T5HO
Flush Lens Shown



MLS5-I1/D1
T8
Parabolic Baffle Shown

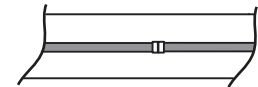


MLS5-I2/D2
T5 or T5HO
Flush Lens Shown

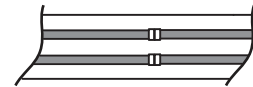


MLS5-I2/D2
T8
Parabolic Baffle Shown

In-Line Lamps:

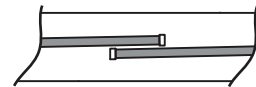


1 Lamp T5/T5HO
1 Lamp T8

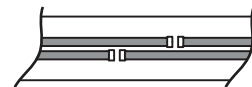


2 Lamp T5/T5HO
2 Lamp T8

Staggered Lamps:



1 Lamp T5/T5HO
1 Lamp T8



2 Lamp T5/T5HO
2 Lamp T8

Series

MLS5-I1/D1
MLS5-I2/D2

Standard Lengths:

4', 8' and 12'

Mounting

CT = Cable (15/16" T-bar) Fully Adjustable (36" Standard) (T8 only)
CN = Cable (Non-T-bar) Fully Adjustable (36" Standard)

MLS5-I1/D1-IL-12-CT-DC/PB-F01M-V-T5HO-[]

Lamp Configuration	Indirect Optical Controls	Direct Optical Controls	Standard Finishes	Voltage	Lamp Type	Options
IL In-Line Lamps - T8, T5, T5HO	OP Open	PB Semi-Specular Parabolic Baffle	F01M Matte White Premium Finishes F01G Gloss White	120	T5	SS(U/L)(Upper/Lower) Lamp Row Switching (Common Neutral)
STG *Staggered Lamps - T8, T5, T5HO	DC Dust Cover (N/A for T5HO)	PBW White Parabolic Baffle LP Linear Prismatic Lens	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	277 347	T5HO T8	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)
		TWA Translucent White Acrylic Lens FC Frosted Clear Lens	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 FCG Custom Color			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)

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



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Made in America

Suspended

MLS5-I1/D1

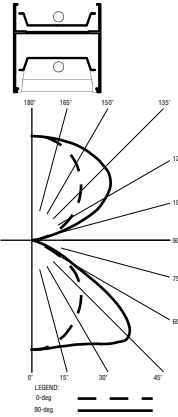
Indirect/Direct - T5 Lamps Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLS5-I1/D1-4-X-OP/PB-F01M-120-T5
Report Number: ITL#78291.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: Two FP28T5/841/ECO
Rated at 2600 Lumens Each

Total Luminaire Efficiency = 87.9%
54% Up 46% Down



MLS5-I1/D1

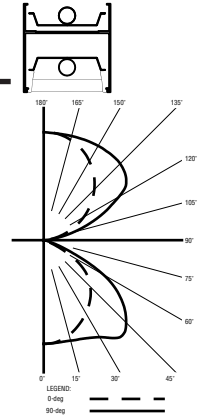
Indirect/Direct - T8 Lamps Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLS5-I1/D1-4-X-OP/PB-F01M-120-T8
Report Number: ITL#78303.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: Two F032T8/835
Rated at 2950 Lumens Each

Total Luminaire Efficiency = 77.6%
56% Up 44% Down



MLS5-I1/D1

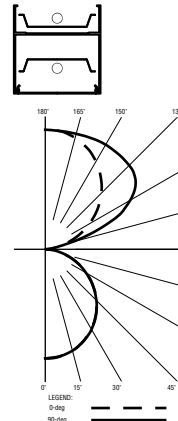
Indirect/Direct - T5 Lamps Translucent White Acrylic Lens

Catalog Number: MLS5-I1/D1-4-X-OP/TWA-F01M-120-T5
Report Number: ITL#78290.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: Two FP28T5/841/ECO
Rated at 2600 Lumens Each

Total Luminaire Efficiency = 81.9%
58% Up 42% Down



MLS5-I1/D1

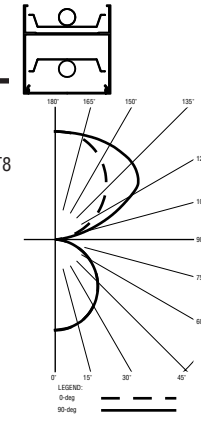
Indirect/Direct - T8 Lamps Translucent White Acrylic Lens

Catalog Number: MLS5-I1/D1-4-X-OP/TWA-F01M-120-T8
Report Number: ITL#78302.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: Two F032T8/835
Rated at 2950 Lumens Each

Total Luminaire Efficiency = 72.5%
60% Up 40% Down



MLS5-I2/D2

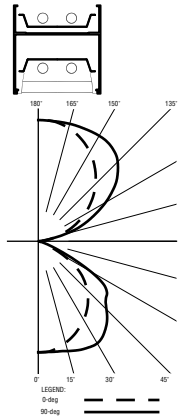
Indirect/Direct - T5 Lamps Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLS5-I2/D2-4-X-OP/PB-F01M-120-T5
Report Number: ITL#78297.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: Four F28T5/841/ECO
Rated at 2600 Lumens Each

Total Luminaire Efficiency = 78.3%
58% Up 42% Down



MLS5-I2/D2

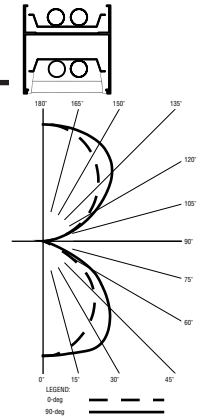
Indirect/Direct - T8 Lamps Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLS5-I2/D2-4-X-OP/PB-F01M-120-T8
Report Number: ITL#78309.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: Four F032T8/835
Rated at 2950 Lumens Each

Total Luminaire Efficiency = 73.8%
56% Up 44% Down



MLS5-I2/D2

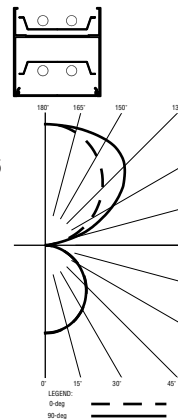
Indirect/Direct - T5 Lamps Translucent White Acrylic Lens

Catalog Number: MLS5-I2/D2-4-X-OP/TWA-F01M-120-T5
Report Number: ITL#78296.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: Four F28T5/841/ECO
Rated at 2600 Lumens Each

Total Luminaire Efficiency = 72.8%
62% Up 38% Down



MLS5-I2/D2

Indirect/Direct - T8 Lamps Translucent White Acrylic Lens

Catalog Number: MLS5-I2/D2-4-X-OP/TWA-F01M-120-T8
Report Number: ITL#78308.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: Four F032T8/835
Rated at 2950 Lumens Each

Total Luminaire Efficiency = 68.1%
60% Up 40% Down

