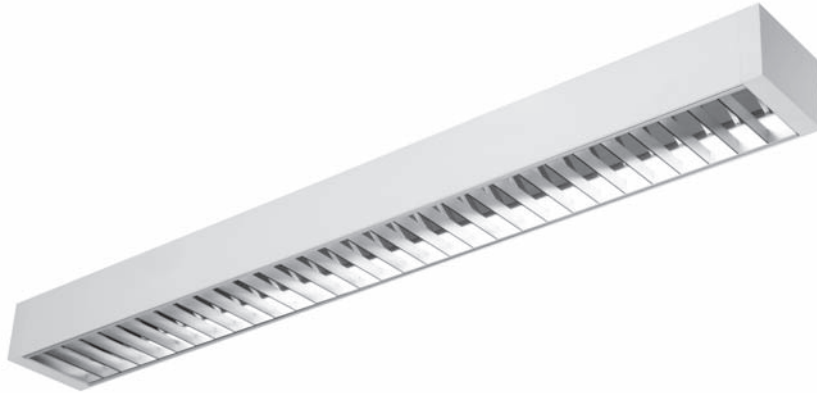


Microlinea™ Suspended Series 5 Asymmetric - Fluorescent

(4 7/8" Luminous Aperture)



Catalog Number	Type
Project Name	

MLS5ASY

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

Utilizing a single T5, T5HO or T8 lamp and a die-formed .020" thick specular aluminum reflector, the asymmetric optics provide directional illumination for a variety of applications.

See Photometric section for photometric performance.
See next page for Lengths and Mounting Centers.

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 nominal lengths are 4', 8' and 12'.

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

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.

Reflector

Die-formed from .020" thick specular aluminum.

Ballast

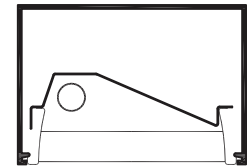
- Standard ballasts for T5 and T5HO lamps are UL/CUL listed, Class P, HPF, electronic, universal 120/277volt, programmed rapid start with <10% THD.
- Standard ballasts for T8 lamps are UL/CUL listed, Class P, HPF, electronic, universal 120/277volt, instant start with <10% THD.

Circuitry

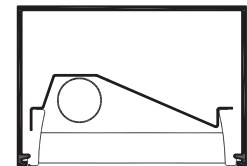
All fixtures are factory pre-wired for a single circuit.

Certification

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



MLS5ASY
T5 or T5HO



MLS5ASY
T8

Series
MLS5ASY

Mountings
CT = Cable (15/16" Tbar) Fully Adjustable (36" Standard)
CN = Cable (Non-Tbar) Fully Adjustable (36" Standard)
P = Rigid Stem (Up to 48" Standard)
K = Swivel Stem (Up to 48" Standard)
J = Ceiling

MLS5ASY-4-CT-PB-F01M-120-T5HO-[]

Standard Fixture Lengths	Optical Controls	Standard Finishes	Voltage	Lamp Type	Options
4', 8' and 12'	PB Semi-Specular Parabolic Baffle	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	120 277 347	T5 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)
	PBW White Parabolic Baffle	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			Dim Dimming FS Fused Ballasts GTD Generator Transfer Device DL Damp Location RS Rapid Start Ballast (T8 Lamps)



MLS5ASY - Asymmetric

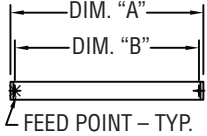
Suspended or Ceiling Mount

(T5, T5HO or T8 Lamps)

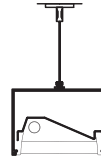
Standard Fixture Lengths and Mounting Centers

T5 or T5HO Lamps

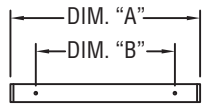
Cable Mount



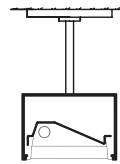
FIXTURE LENGTH	MTG. CENTERS
DIM. "A"	DIM. "B"
48 7/8"	46 1/8"
95 5/8"	92 7/8"
142 3/8"	139 3/4"



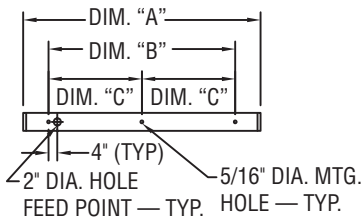
Stem Mount



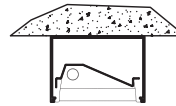
FIXTURE LENGTH	MTG. CENTERS
DIM. "A"	DIM. "B"
48 7/8"	30 7/8"
95 5/8"	77 5/8"
142 3/8"	124 3/8"



Direct Ceiling Mount

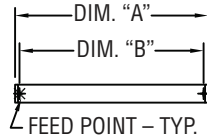


FIXTURE LENGTH	MOUNTING CENTERS	
DIM. "A"	DIM. "B"	DIM. "C"
48 7/8"	30 7/8"	----
95 5/8"	77 5/8"	38 13/16"
142 3/8"	124 3/8"	62 3/16"



T8 Lamps

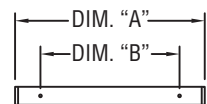
Cable Mount



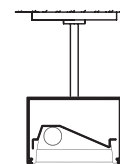
FIXTURE LENGTH	MTG. CENTERS
DIM. "A"	DIM. "B"
50"	47 1/4"
98"	95 1/4"
146"	143 1/4"



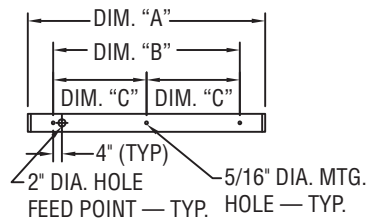
Stem Mount



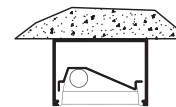
FIXTURE LENGTH	MTG. CENTERS
DIM. "A"	DIM. "B"
50"	32"
98"	80"
146"	128"



Direct Ceiling Mount



FIXTURE LENGTH	MOUNTING CENTERS	
DIM. "A"	DIM. "B"	DIM. "C"
50"	32"	----
98"	80"	40"
146"	128"	64"



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



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



Made in America

Suspended/Ceiling

MLS5-D1

Direct - T5 Lamp

Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLS5-D1-4'-X-PB-F01M-120-T5

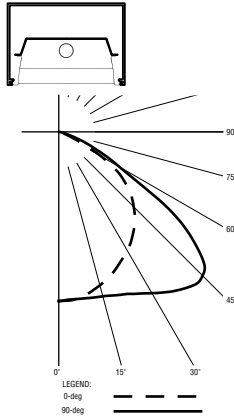
Report Number: ITL#76159.ies

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



MLS5-D1

Direct - T8 Lamp

Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLS5-D1-4'-X-PB-F01M-120-T8

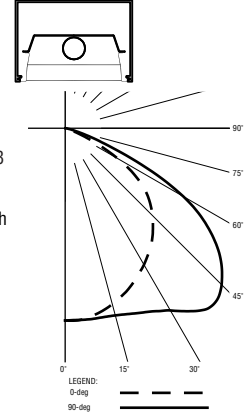
Report Number: ITL#77262.ies

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



MLS5-D1

Direct - T5 Lamp

Translucent White Acrylic Lens

Catalog Number: MLS5-D1-4'-X-TWA-F01M-120-T5

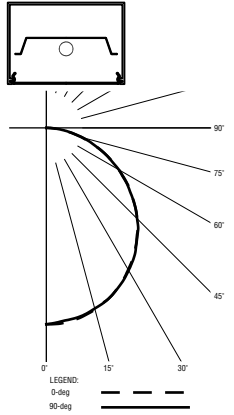
Report Number: ITL#76161.ies

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



MLS5-D1

Direct - T8 Lamp

Translucent White Acrylic Lens

Catalog Number: MLS5-D1-4'-X-TWA-F01M-120-T8

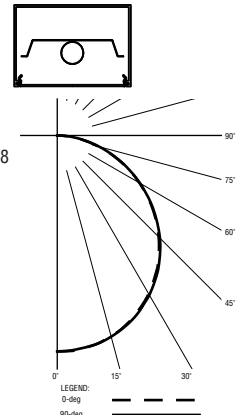
Report Number: ITL#77260.ies

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



MLS5WW

Direct Wall Wash - T5 Lamp

Open Wall Wash Optical Control

Catalog Number: MLS5WW-4'-X-F01M-120-T5

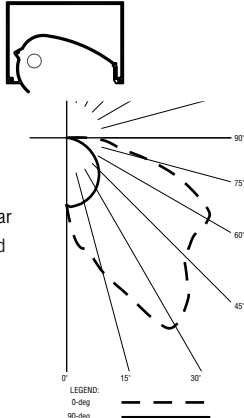
Report Number: ITL#79784.ies

Luminaire Description: Extruded Alum. Housing w/Specular Upper & Lamp Side Extrusions and Black Wall Side Extrusion

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

Total Luminaire Efficiency = 70.5%

0% Up 100% Down



MLS5-D1

Direct - T8 Lamp

Linear Prismatic Acrylic Lens

Catalog Number: MLS5-D1-4'-X-LP-F01M-120-T8

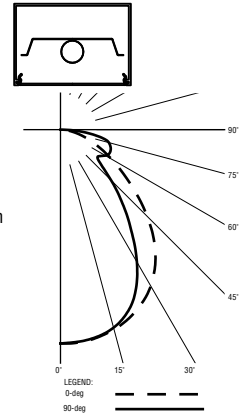
Report Number: ITL#77259.ies

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

Lamp: One Sylvania F032T8/835
Rated at 2950 Lumens

Total Luminaire Efficiency = 65.0%

0% Up 100% Down



MLS5ASY

Direct Asymmetric - T5 Lamp

Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLS5ASY-4'-X-PB-F01M-120-T5

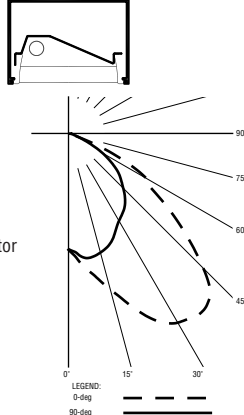
Report Number: ITL#78202.ies

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



MLS5ASY

Direct Asymmetric - T8 Lamp

Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLS5ASY-4'-X-PB-F01M-120-T8

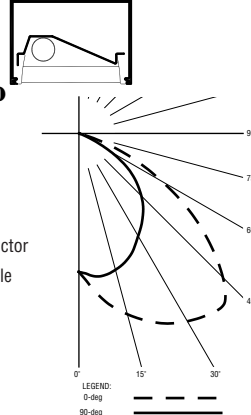
Report Number: ITL#78205.ies

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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