

Microlinea Series™

Catalog Number	Type
Project Name	

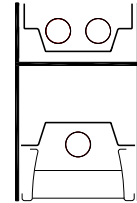
Shown with Linear Prismatic Lens



Shown with White Parabolic Baffle

MLS-I2/D1

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



MLS-I2/D1
T5 or T5HO

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 lengths are 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. Standard finish for stems and canopies is white.

Indirect Optical Controls

- (OP) Open
- (DC) Clear 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) Clear extruded 100% DR acrylic linear prismatic lens
- (TWA) Translucent white extruded 100% DR acrylic lens

Reflectors

- Indirect - Die-formed from .020" thick high reflectance specular aluminum.
- 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.

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.

Series MLS-I2/D1	Standard Lengths: 4', 8' and 12'	Mounting 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)
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MLS-I2/D1-12-CT-DC/PB-F01M-V-T5-[]

Indirect Optical Controls	Direct Optical Controls	Standard Finishes	Voltage	Lamp Type	Options	Dim
OP Open	PB Semi-Specular Parabolic Baffle	F01M Matte White	120	T5	SS-U/L (Upper/Lower) Lamp Row Switching (Common Neutral Utilized)	Dim Dimming
DC Clear Dust Cover (N/A for T5HO)	PBW White Parabolic Baffle	F01G Gloss White	277	T5HO	NLCKT Separate Night Light Circuit	FS Fused Ballasts
	LP Linear Prismatic Lens	Premium Finishes	347		EMCKT Separate Emergency Circuit	GTD Generator Transfer Device
	TWA Translucent White Acrylic Lens	F02 Ivory			EBPL Emergency Battery Pack (635-700 Lumens)	AO White Acrylic Baffle Overlay
		F03 Stonewash			EBPH Emergency Battery Pack (975-1325 Lumens)	
		F04 Camel				
		F05 Gray Day				
		F06 Pebble Beach				
		F07 Steel				
		F08 Gray Seal				
		F09 Mocha				
		F10 Bronzed				
		F11 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				

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



MLS-I2/D1

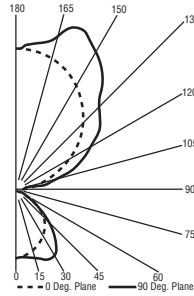
Indirect/Direct - T5HO Lamps Semi-Specular Aluminum Parabolic Baffle

Catalog Number: MLS-I2/D1-4-X-OP/PB-F01M-120-T5HO
Report Number: LTL#13042.ies

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

Lamps: Three Philips F54T5/850/HO/ALTO Rated at 4400 Lumens Each

Total Luminaire Efficiency = 71.3%
76% Up 24% Down



CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	
0	960	960	960	960	960	
5	956	956	964	962	966	92
15	906	920	963	999	1018	273
25	822	861	963	1045	1080	441
35	708	784	904	959	985	545
45	561	658	698	662	647	502
55	365	417	346	265	240	298
65	94	93	81	67	56	87
75	23	20	16	17	16	20
85	2	2	2	3	3	3
90	0	0	0	0	0	
95	83	151	132	119	112	135
105	371	518	603	621	625	591
115	704	909	967	1020	1052	939
125	1018	1371	1282	1387	1395	1177
135	1314	1762	1770	1662	1638	1286
145	1559	1884	2117	2099	2096	1240
155	1763	1916	2281	2368	2373	993
165	1896	2003	2078	2191	2244	594
175	1966	1981	2027	2038	2034	193
180	1966	1966	1966	1966	1966	

MLS-I2/D1

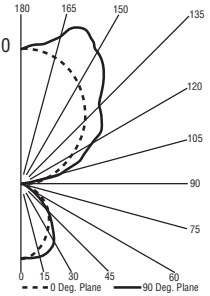
Indirect/Direct - T5HO Lamps White Aluminum Parabolic Baffle

Catalog Number: MLS-I2/D1-4-X-OP/PBW-F01M-120-T5HO
Report Number: LTL#13041.ies

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

Lamps: Three Philips F54T5/850/HO/ALTO Rated at 4400 Lumens Each

Total Luminaire Efficiency = 72.1%
75% Up 25% Down



CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	
0	1100	1100	1100	1100	1100	
5	1089	1090	1101	1098	1099	104
15	1000	1011	1047	1077	1089	295
25	870	892	953	1003	1027	437
35	715	746	797	813	827	488
45	534	571	573	544	545	430
55	340	362	338	332	343	308
65	162	165	183	192	202	182
75	85	85	89	96	100	97
85	20	20	22	23	25	25
90	0	0	0	0	0	
95	83	151	132	119	112	135
105	371	518	603	621	625	591
115	704	909	967	1020	1052	939
125	1018	1371	1282	1387	1395	1177
135	1314	1762	1770	1662	1638	1286
145	1559	1884	2117	2099	2096	1240
155	1763	1916	2281	2368	2373	993
165	1896	2003	2078	2191	2244	594
175	1966	1981	2027	2038	2034	193
180	1966	1966	1966	1966	1966	

MLS-I2/D1

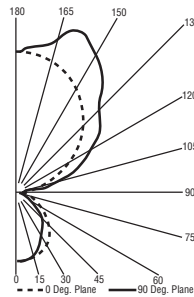
Indirect/Direct - T5HO Lamps Linear Prismatic Acrylic Lens

Catalog Number: MLS-I2/D1-4-X-OP/LP-F01M-120-T5HO
Report Number: LTL#13040.ies

Luminaire Description: Extruded Aluminum Housing with Specular Aluminum Reflector Up and White Aluminum Reflector Down and Linear Prismatic Acrylic Lens and Open Top

Lamps: Three Philips F54T5/850/HO/ALTO Rated at 4400 Lumens Each

Total Luminaire Efficiency = 70.5%
77% Up 23% Down



CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	
0	972	972	972	972	972	
5	971	965	975	970	972	92
15	941	940	944	933	931	265
25	880	869	842	803	790	385
35	782	738	673	643	639	433
45	640	557	517	492	480	409
55	436	369	324	274	254	294
65	208	200	163	140	135	169
75	73	87	86	83	81	89
85	12	25	30	29	28	29
90	0	2	4	5	6	
95	83	151	132	119	112	135
105	371	518	603	621	625	591
115	704	909	967	1020	1052	939
125	1018	1371	1282	1387	1395	1177
135	1314	1762	1770	1662	1638	1286
145	1559	1884	2117	2099	2096	1240
155	1763	1916	2281	2368	2373	993
165	1896	2003	2078	2191	2244	594
175	1966	1981	2027	2038	2034	193
180	1966	1966	1966	1966	1966	

Note: See Website for additional Photometric Reports.



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