

# Microlinea Series™



Catalog Number	Type
Project Name	

## MLS-I1 • MLS-I2

3 1/8" x 3 1/2" Indirect  
(T8, T5 or T5HO Lamps)

### 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

#### Reflectors

Die-formed from .020" thick high reflectance 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. Provision for multiple switching/circuiting is optional.

#### Wiring

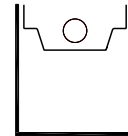
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

#### Controls

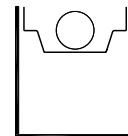
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

#### Certification

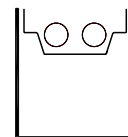
All fixtures are UL/CUL listed for use in 'Dry Applications'. 'Damp Location' is optional.



MLS-I1  
T5 or T5HO



MLS-I1  
T8



MLS-I2  
T5 or T5HO

<b>Series</b> MLS-I1 MLS-I2	<b>Standard Lengths:</b> 4', 8' and 12'	<b>Mounting</b> 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-I2-12-CT-DC-F01M-V-T5-[ ]

Indirect Optical Controls	Standard Finishes	Voltage	Lamp Type	Options	Dim
<b>OP</b> Open	<b>F01M</b> Matte White	120	T5	<b>SS-L/R</b> (Left/Right) Lamp Row Switching (Common Neutral Utilized)	<b>Dim</b> Dimming
<b>DC</b> Clear Dust Cover (N/A for 2-T5HO lamps)	<b>F01G</b> Gloss White <b>Premium Finishes</b>	277	T5HO	<b>NLCKT</b> Separate Night Light Circuit	<b>FS</b> Fused Ballasts
	<b>F02</b> Ivory	347	T8 (1 lamp only)	<b>EMCKT</b> Separate Emergency Circuit	<b>GTD</b> Generator Transfer Device
	<b>F03</b> Stonewash			<b>EBPL</b> Emergency Battery Pack (635-700 Lumens)	
	<b>F04</b> Camel			<b>EBPH</b> Emergency Battery Pack (975-1325 Lumens)	
	<b>F05</b> Gray Day				
	<b>F06</b> Pebble Beach				
	<b>F07</b> Steel				
	<b>F08</b> Gray Seal				
	<b>F09</b> Mocha				
	<b>F10</b> Bronzed				
	<b>F11</b> Black				
	<b>F12</b> Ultrasonic Clear				
	<b>F13</b> Merlot				
	<b>F14</b> Red Skies				
	<b>F15</b> Lemon				
	<b>F16</b> Forest Hunter				
	<b>F17</b> Olive				
	<b>F18</b> Khaki				
	<b>F19</b> Heather Green				
	<b>F20</b> Blue Print				
	<b>F21</b> Reflex Blue				
	<b>F22</b> Navy				
	<b>FCC</b> Custom Color				

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



# MLS-I1

## Indirect - T5HO Lamp

### Open

**Catalog Number:** MLS-I1-4-X-OP-FO1M-120-T5HO  
**Report Number:** LTL#12728.ies

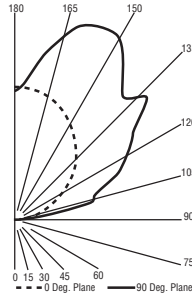
**Luminaire Description:** Extruded Aluminum Housing with Specular Aluminum Reflector and Open Top

**Lamp:** One Philips F54T5/850/HO/ALTO Rated at 4400 Lumens

Total Luminaire Efficiency = 88.5%  
 100% Up 0% Down

### RP-1 Compliant

	CANDELA DISTRIBUTION					LUMENS
	0.0	22.5	45.0	67.5	90.0	
90	0	0	0	0	0	
95	32	126	120	107	102	118
105	149	303	398	460	494	394
115	281	481	595	659	678	552
125	412	728	808	841	849	673
135	531	872	934	939	1024	684
145	632	921	1121	1146	1115	634
155	712	890	1135	1217	1239	486
165	767	831	985	1086	1122	274
175	796	783	806	824	830	79
180	782	782	782	782	782	



# MLS-I1

## Indirect - T8 Lamp

### Open

**Catalog Number:** MLS-I1-4-X-OP-FO1M-120-T8  
**Report Number:** LTL#12731.ies

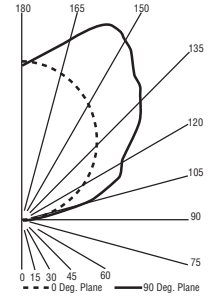
**Luminaire Description:** Extruded Aluminum Housing with Specular Aluminum Reflector and Open Top

**Lamp:** One Philips F32T8/TL835/ALTO Rated at 2850 Lumens

Total Luminaire Efficiency = 84.7%  
 100% Up 0% Down

### RP-1 Compliant

	CANDELA DISTRIBUTION					LUMENS
	0.0	22.5	45.0	67.5	90.0	
90	0	0	0	0	0	
95	24	55	51	42	38	52
105	112	184	243	245	242	223
115	209	327	341	378	397	334
125	303	471	489	493	490	413
135	388	555	602	615	620	440
145	460	571	711	717	712	404
155	518	583	691	772	788	311
165	558	588	635	670	685	179
175	579	577	591	597	598	57
180	572	572	572	572	572	



# MLS-I2

## Indirect - T5HO Lamps

### Open

**Catalog Number:** MLS-I2-4-X-OP-FO1M-120-T5HO  
**Report Number:** LTL#12730.ies

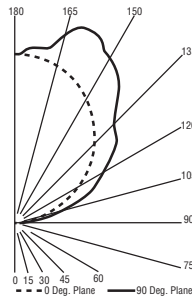
**Luminaire Description:** Extruded Aluminum Housing with Specular Aluminum Reflector and Open Top

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

Total Luminaire Efficiency = 81.2%  
 100% Up 0% Down

### RP-1 Compliant

	CANDELA DISTRIBUTION					LUMENS
	0.0	22.5	45.0	67.5	90.0	
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	



Note: See Website for additional Photometric Reports.



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