

Microlinea Series™

| | |
|----------------|------|
| Catalog Number | Type |
| Project Name | |

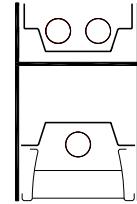
Shown with Linear Prismatic Lens



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

- (0P) 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
- (FC) Frosted clear extruded 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) |
|---------------------|-------------------------------------|--|

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 Premium Finishes | 277 | T5HO | NLCKT Separate Night Light Circuit | FS Fused Ballasts |
| | LP Linear Prismatic Lens | F02 Ivory | 347 | | EMCKT Separate Emergency Circuit | GTD Generator Transfer Device |
| | TWA Translucent White Acrylic Lens | F03 Stonewash | | | EBPL Emergency Battery Pack (635-700 Lumens) | AO White Acrylic Baffle Overlay |
| | FC Frosted Clear Lens | F04 Camel | | | EBPH Emergency Battery Pack (975-1325 Lumens) | |
| | | 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

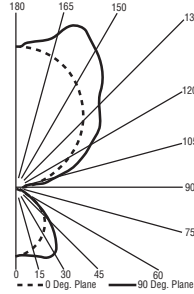
Indirect/Direct - T5HO Lamps Semi-Specular Aluminum Parabolic Baffle

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

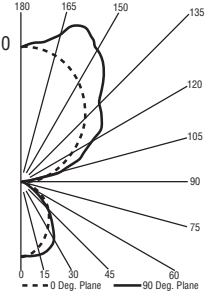
Indirect/Direct - T5HO Lamps White Aluminum Parabolic Baffle

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

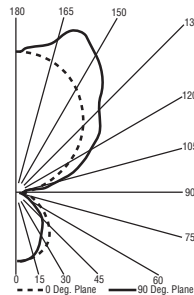
Indirect/Direct - T5HO Lamps Linear Prismatic Acrylic Lens

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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