

Microlinea™ Direct Suspended or Ceiling Mount Series 5

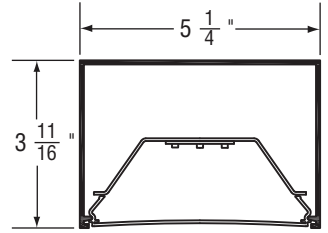
(4 7/8" Luminous Aperture)

Catalog Number	Type
Project Name	



MLS5-D-LED

5-1/4" X 3-11/16" Direct Suspended
or Ceiling Mount



MLS5-D-HO
MLS5-D-MO

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 2', 3', 4', 6' 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.

Optical Controls

(LOH) LED optimized high transmittance acrylic snap-in lens.

Reflector/Heat Sink

.040" thick die-formed aluminum finished with a high reflectance white enamel.

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.

Integral Controls

Contact factory for daylight and/or occupancy sensor controls.

Driver (Standard)

Power supply is UL/CUL recognized, 0-10V dimming available 120-277 universal voltage. 347V is available.

Light Engine (Standard)

LED light source available standard for 3000K, 3500K and 4000K CCT, in high and medium light outputs, 80 or 90 CRI. Standard outputs at 80 CRI:

HO-High Output (DCL Listed)

*3633 Total Delivered Lms. at 31 System Watts

MO-Medium Output (DCL Listed)

*2232 Total Delivered Lms. at 18 System Watts

(*All values per 4' using 3500K LED modules)

Driver (Tunable White)

EldoLED power supply is UL recognized, DALI, 0-10V or DMX available, 120-277 universal voltage.

Light Engine (Tunable White)

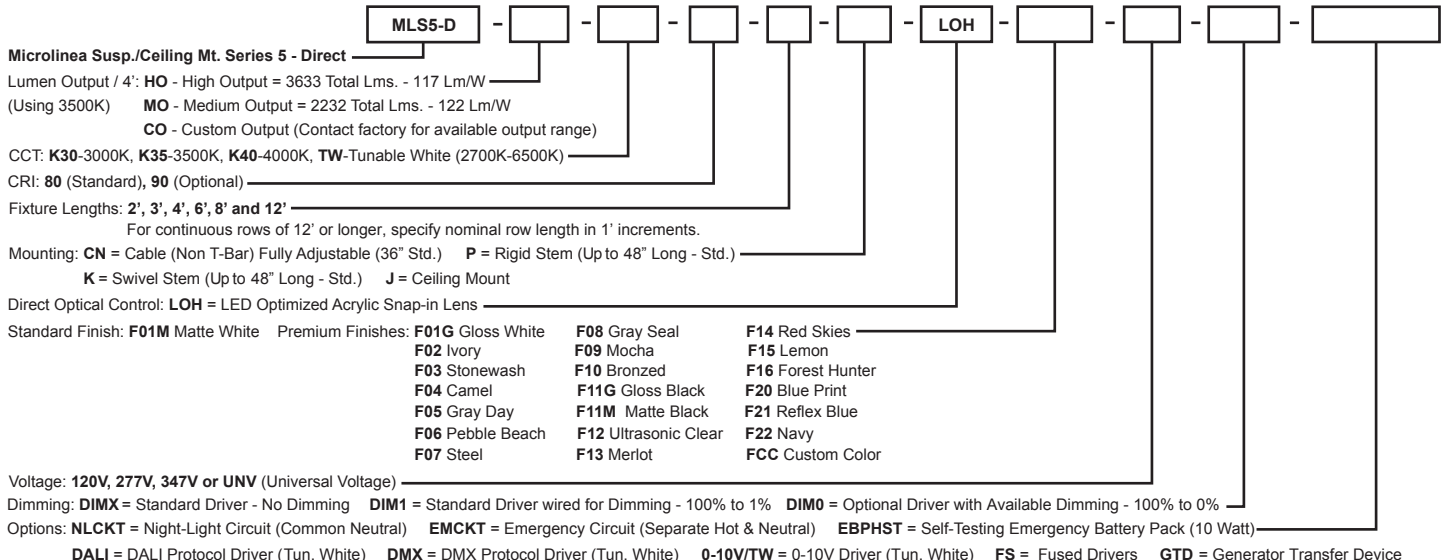
Tunable White LED light source available for 2700K thru 6500K CCT, and 80 or 90 CRI. Contact factory for available outputs.

*Due to continued advancement in LED technology, lumen performance is subject to change. Please visit our website for the most up-to-date information.

Certification

Fixtures are ETL listed for use in 'Dry or Damp Applications.' Conforms to UL Standard #1598 and to CAN/CSA #C22.2No.250.0.

Sample Catalog Number: **MLS5-D - HO - K40 - 80 - 4 - CN - LOH - F01M - 120 - DIM1 - OPTIONS**



Suspended or Ceiling Mount

MLS5-D-HO-K35-LOH



Direct - High Output

LED Optimized High Transmittance Lens

Catalog Number: MLS5-D-HO-K35-80-4'-X-LOH-120

Report Number: #LLIA001197-004.ies

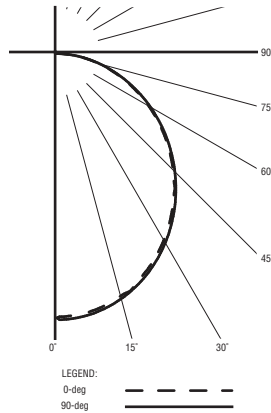
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Lens.

LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a uniform grid pattern.

Total Luminaire Efficacy = 116.9 Lm/W

0% Up 100% Down

Color Rendering Index (CRI) = 82



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 40	1644	45.2
0- 60	2856	78.5
0- 90	3633	100.0
90- 180	0	0.0
0- 180	3633	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	1331	1331	1331	1331	1331
5	1318	1319	1321	1327	1332
15	1259	1260	1263	1269	1273
25	1149	1149	1159	1160	1164
35	999	1000	1004	1012	1014
45	824	826	829	836	838
55	637	634	638	644	645
65	435	436	441	445	445
75	242	243	247	249	249
85	73	72	72	72	71
90	0	0	0	0	1

MLS5-D-MO-K35-LOH



Direct - Medium Output

LED Optimized High Transmittance Lens

Catalog Number: MLS5-D-MO-K35-80-4'-X-LOH-120

Report Number: #LLIA001197-003

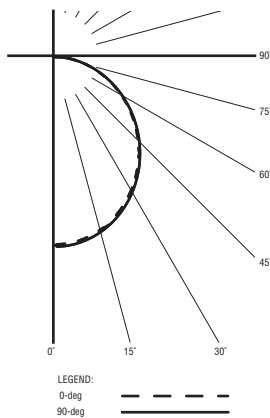
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Lens.

LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a uniform grid pattern.

Total Luminaire Efficacy = 121.6 Lm/W

0% Up 100% Down

Color Rendering Index (CRI) = 82



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 40	1010	45.2
0- 60	1755	78.5
0- 90	2232	100.0
90- 180	0	0.0
0- 180	2232	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	818	818	818	818	818
5	809	810	812	815	819
15	774	774	776	779	782
25	706	706	713	713	715
35	614	615	617	621	623
45	506	507	510	513	515
55	391	390	392	396	396
65	268	268	271	274	274
75	149	150	152	153	153
85	45	45	44	44	44
90	0	0	0	0	0

For more information, visit our website at www.pal-lighting.com



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