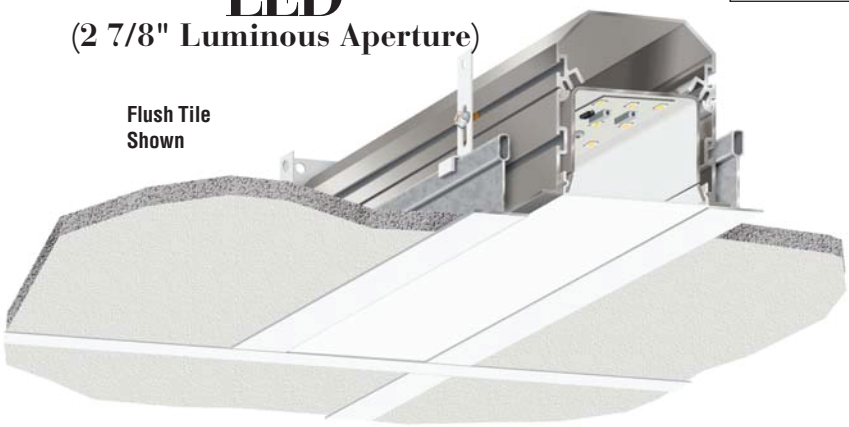
Catalog Number	Type
Project Name	

Microlinea™ Recessed Series 3-LED

(2 7/8" Luminous Aperture)

Grid Ceilings



Flush Tile Shown

5 Year Limited Warranty LED Boards & Drivers

S P E C I F I C A T I O N S

Housing

Three piece extruded aluminum available in single sections up to 8' long. Standard flange finish is satin white.

Optical Control

Clear co-extruded 100% D.R. acrylic lens with high transmittance diffusing insert.

Reflector/Heat Sink

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

Light Engine

Osram-Sylvania LED modules available for 3000K, 3500K and 4000K CCT:

HO - High Output
*3117 Total Delivered Lms. at 40 System Watts (Values per 4' using 3500K LED modules)

MO - Medium Output
*1984 Total Delivered Lms. at 24 System Watts (Values per 4' using 3500K LED modules)

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

Driver

Osram-Sylvania "Optotronic" power supply is UL/CUL recognized, 0-10V dimming available, 120-277 universal voltage.

Circuitry

All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

Wiring

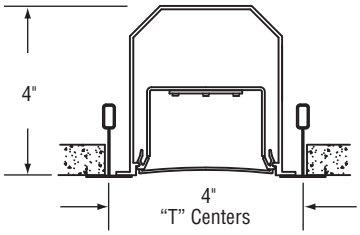
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

Integral Controls

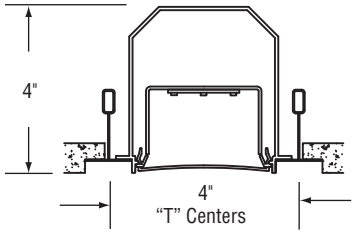
Contact factory for daylight and/or occupancy sensor controls.

Certification

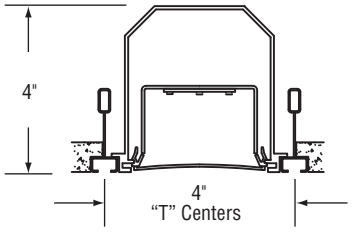
All fixtures are ETL listed for use in 'Dry Applications'. 'Damp Location' is optional.



MLR3-HO-FT
MLR3-MO-FT
Flush Tile



MLR3-HO-TT
MLR3-MO-TT
Tegular Tile



MLR3-HO-SG
MLR3-MO-SG
Screw Slot Grid

Series
MLR3

Nominal Lengths:
2', 3', 4', 6', & 8'

For continuous rows of 8' or longer, specify nom. row length in 1' increments.

See Microlinea Row Guide section.

Ceiling Type
FT = 15/16" or 9/16" Grid with Flush Tile
TT = 15/16" or 9/16" Grid with Tegular Tile
SG = Screw Slot Grid

MLR3-HO-K40-4'-FT-LOH-120-[ ]

Lumen Output
HO - High Output
*3117 Total Lumens - 78 Lm/W
MO - Medium Output
*1984 Total Lumens - 81 Lm/W
*Lumen ratings per 4' section (3500K)

C C T
K30
3000 Kelvin
K35
3500 Kelvin
K40
4000 Kelvin

Optical Control
LOH
LED Optimized High Transmittance Lens

Voltage
120
277

Options
NLCKT
Night Light Circuit (Common Neutral)
EMCKT
Emergency Circuit (Separate Hot & Neutral)
EBPL
Emergency Battery Pack (Consult Factory for Specific Application)
Dim
Dimming
FS
Fused Drivers
GTD
Generator Transfer Device
CP
Chicago Plenum
DL
Damp Location

PAL 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

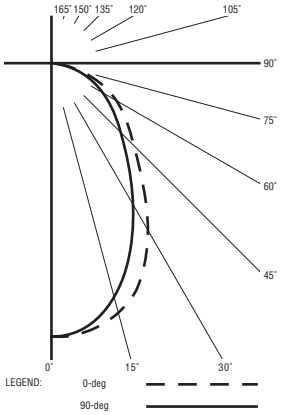
Recessed
MLR3-HO-K35-LOH

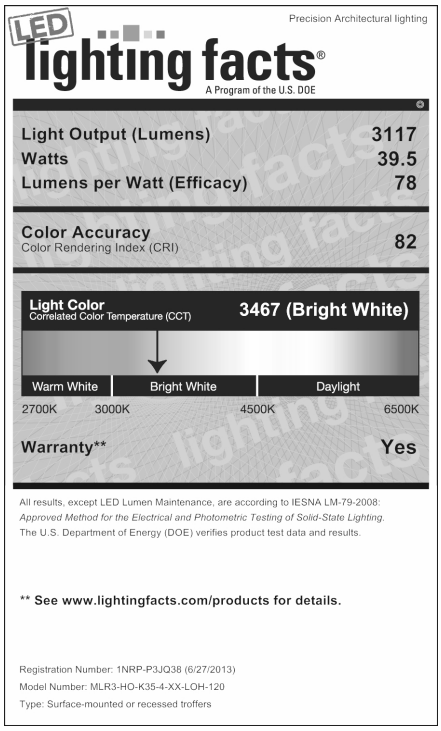
High Output

LED Optimized High Transmittance Lens

Catalog Number: MLR3-HO-K35-4'-X-LOH-120
Report Number: ITL#77082.ies
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Lens with Insert
LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise layout.

Total Luminaire Efficacy = 78.9 Lm/W
0% Up 100% Down
Color Rendering Index (CRI) = 82





ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	1128	36.2
0- 40	1682	54.0
0- 60	2597	83.3
0- 90	3117	100.0
90- 180	0	0.0
0- 180	3117	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	1629	1629	1629	1629	1629
5	1624	1609	1620	1618	1610
15	1539	1511	1491	1459	1442
25	1314	1270	1213	1160	1137
35	972	929	875	837	819
45	695	668	629	599	583
55	524	506	472	440	424
65	363	352	320	293	285
75	176	169	153	144	141
85	25	27	28	28	27
90	0	0	0	0	0

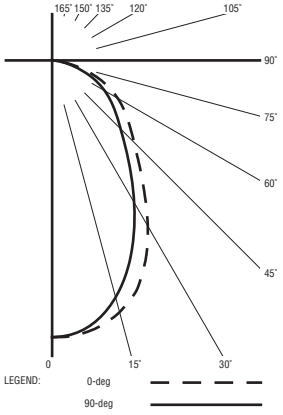
MLR3-MO-K35-LOH

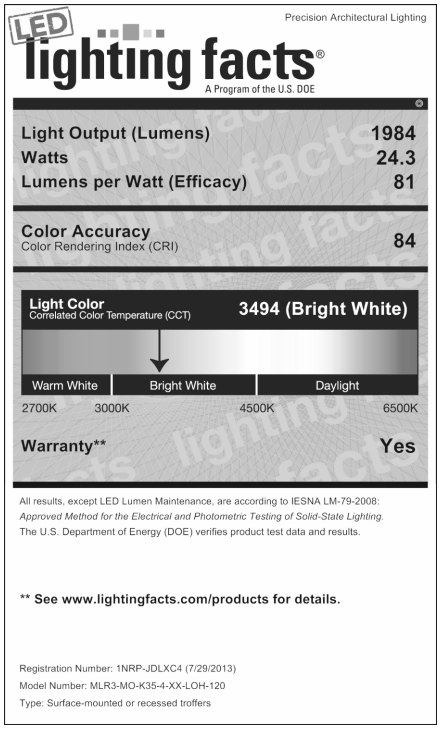
Medium Output

LED Optimized High Transmittance Lens

Catalog Number: MLR3-MO-K35-4'-X-LOH-120
Report Number: ITL#77893.ies
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Lens with Insert
LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise layout.

Total Luminaire Efficacy = 81.6 Lm/W
0% Up 100% Down
Color Rendering Index (CRI) = 84





ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	723	36.4
0- 40	1074	54.1
0- 60	1656	83.5
0- 90	1984	100.0
90- 180	0	0.0
0- 180	1984	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	1049	1049	1049	1049	1049
5	1045	1035	1041	1041	1037
15	988	970	957	938	930
25	837	811	777	744	732
35	609	585	555	530	520
45	439	423	398	378	367
55	335	324	303	282	273
65	234	227	208	190	183
75	113	107	95	87	84
85	15	16	15	14	14
90	0	0	0	0	0

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

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Made in America