

Microlinea™ Recessed Series 3 Wall Wash - LED

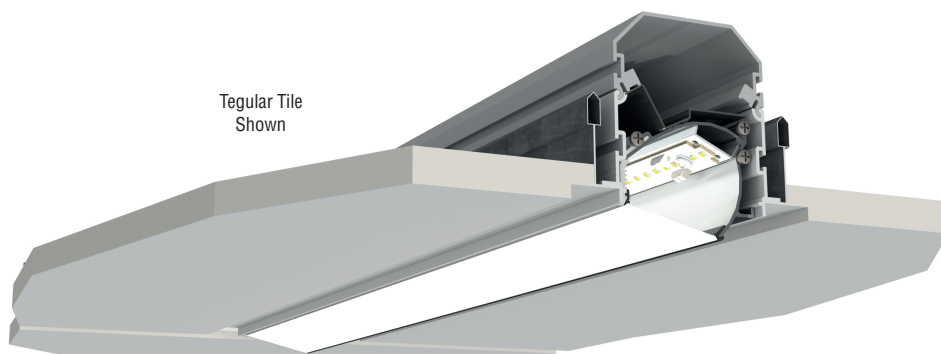
(Nominal 2" Luminous Aperture)

Catalog Number

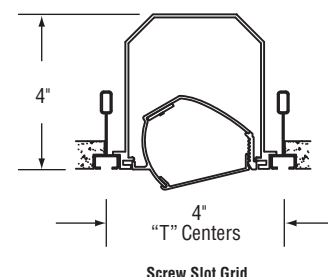
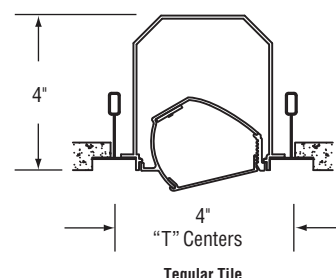
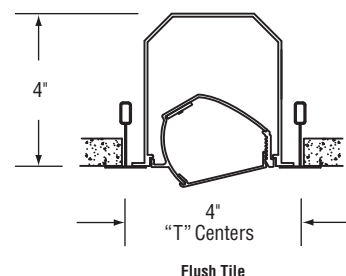
Type

Project Name

Grid Ceilings



Regular Tile
Shown



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

Housing

Three piece extruded aluminum with single length sections of 2', 3', or 4'. Consult factory for row lengths longer than 4'.

Optical Controls

- Clear Acrylic Enclosure (Snap-in) with concentrating film insert - standard.

Reflector

Three piece extruded aluminum assembly with combination specular and white finish.

Light Engine

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

HO - High Output

*2399 Total Delivered Lms. at 41 System Watts
(Values per 4' using 4000K LED modules)

MO - Medium Output

*1596 Total Delivered Lms. at 25 System Watts
(Values per 4' using 4000K 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.

Mountings

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

Standard Lengths:
2', 3', and 4'

Consult factory for
row lengths longer
than 4'.

Series
MLR3WW
Wall Wash

MLR3WW-HO-K40-4-FT-120-[]

Lumen Output

HO - High Output
*2399 Total Lumens - 59 Lm/W
MO - Medium Output
*1596 Total Lumens - 64 Lm/W

*Lumen ratings per
4' section (4000K)

CCT

K30
3000 Kelvin
K35
3500 Kelvin
K40
4000 Kelvin

Voltage

120
277

Options

NLCKT
Night Light Circuit
(Common Neutral)
EMCKT
Emergency Circuit
(Separate Hot & Neutral)
EBPL
Emergency Battery Pack
(6 Watt)
EBPH
Emergency Battery Pack
(10 Watt)

Dim

Dimming
FS
Fused Drivers
GTD
Generator Transfer
Device
CP
Chicago Plenum
DL
Damp Location



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 MLR3WW-HO-K40



High Output

Asymmetric Wall Wash Optical Control

Catalog Number: MLR3WW-HO-K40-4'-X-120

Report Number: UL#904971.ies

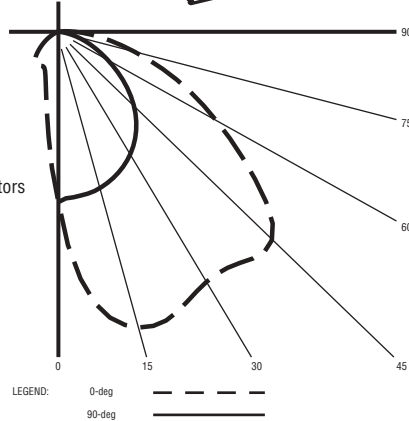
Luminaire Description: Extruded Aluminum Housing with Specular Upper and Lamp Side Reflectors and Matte White Wall Side Extrusion

LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise layout.

Total Luminaire Efficacy = 58.9 Lm/W

0% Up 100% Down

Color Rendering Index (CRI) = 82



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	627	26.1
0- 40	1050	43.8
0- 60	1930	80.4
0- 90	2391	99.7
90- 180	8	0.3
0- 180	2399	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	764	764	764	764	764
5	1112	1082	1009	891	746
15	1373	1347	1276	1088	722
25	1335	1324	1291	1146	668
35	1292	1255	1190	1090	584
45	1322	1258	1104	934	464
55	985	972	899	691	316
65	638	615	539	384	181
75	344	323	261	173	78
85	143	130	92	45	11
90	75	65	39	13	0

MLR3WW-MO-K40



Medium Output

Asymmetric Wall Wash Optical Control

Catalog Number: MLR3WW-MO-K40-4'-X-120

Report Number: UL#904972.ies

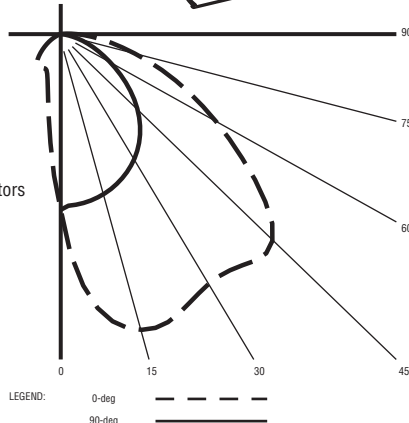
Luminaire Description: Extruded Aluminum Housing with Specular Upper and Lamp Side Reflectors and Matte White Wall Side Extrusion

LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise layout.

Total Luminaire Efficacy = 64.3 Lm/W

0% Up 100% Down

Color Rendering Index (CRI) = 82



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	420	26.4
0- 40	703	44.1
0- 60	1288	80.7
0- 90	1590	99.7
90- 180	6	0.3
0- 180	1596	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	524	524	524	524	524
5	754	732	684	609	511
15	914	896	852	734	492
25	886	879	859	767	454
35	861	834	791	727	396
45	873	834	735	623	314
55	646	640	597	458	212
65	414	401	354	253	120
75	223	209	171	114	51
85	92	83	60	29	7
90	47	41	25	8	0

LED

PRECISION ARCHITECTURAL LIGHTING

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)

2399

Watts

40.71

Lumens per Watt (Efficacy)

58.93

Color Accuracy

Color Rendering Index (CRI)

82

Light Color

Correlated Color Temperature (CCT)

4000 (Bright White)

2700K

3000K

4500K

6500K

Warm White

Bright White

Daylight

Warranty**

Yes

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

** See www.lightingfacts.com/products for details.

Registration Number: 1NRP-NSXIMDE (7/30/2015)
Model Number: ML3WW-HO-K40-4-XX-XX-UNV
Type: Luminaire - Wallwash

LED

PRECISION ARCHITECTURAL LIGHTING

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)

1596

Watts

24.82

Lumens per Watt (Efficacy)

64.3

Color Accuracy

Color Rendering Index (CRI)

82

Light Color

Correlated Color Temperature (CCT)

4000 (Bright White)

2700K

3000K

4500K

6500K

Warm White

Bright White

Daylight

Warranty**

Yes

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Registration Number: 1NRP-F4OBR2 (7/30/2015)
Model Number: ML3WW-MO-K40-4-XX-XX-UNV
Type: Luminaire - Wallwash



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Made in America

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