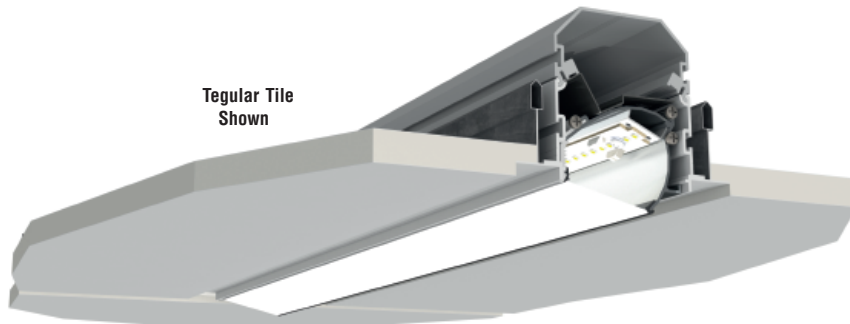


Catalog Number	Type
Project Name	

Microlinea™ Recessed Series 3 Wall Wash

(Nominal 2" Luminous Aperture)



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 Control

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

Reflector

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

Light Engine

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

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)

Driver

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

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

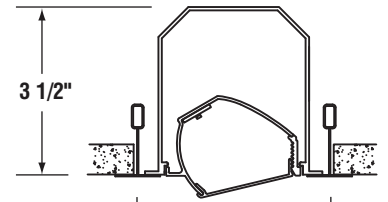
Contact factory for daylight and/or occupancy sensor controls.

Certification

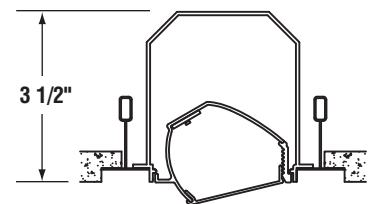
Fixtures are ETL listed for use in 'Dry or Damp Applications'. Conforms to UL Standard #1598 and to CAN/CSA #C22.2No.250.0.

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

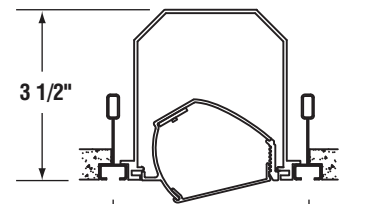
Grid Ceilings



4" Centers
MLR3WW-HO-FT
MLR3WW-MO-FT
Flush Tile

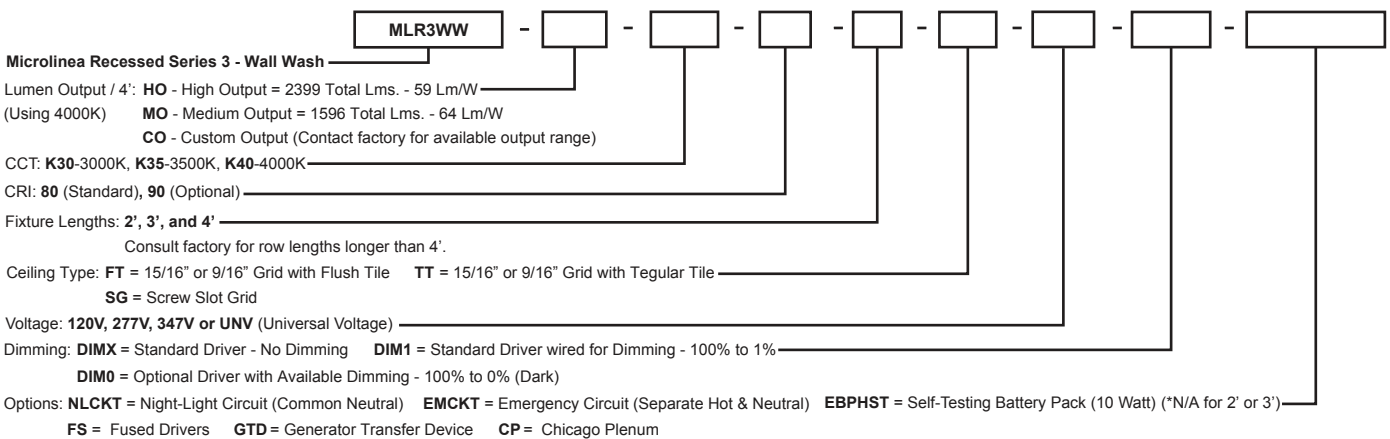


4" Centers
MLR3WW-HO-TT
MLR3WW-MO-TT
Tegular Tile



4" Centers
MLR3WW-HO-SG
MLR3WW-MO-SG
Screw Slot Grid

Sample Catalog Number: **MLR3WW - HO - K40 - 80 - 4 - FT - 120 - DIM1 - OPTIONS**



Recessed - Wall Wash

MLR3WW-HO-K40



High Output

Asymmetric Wall Wash Optical Control

Catalog Number: MLR3WW-HO-K40-80-4'-X-120

Report Number: UL#904971.ies

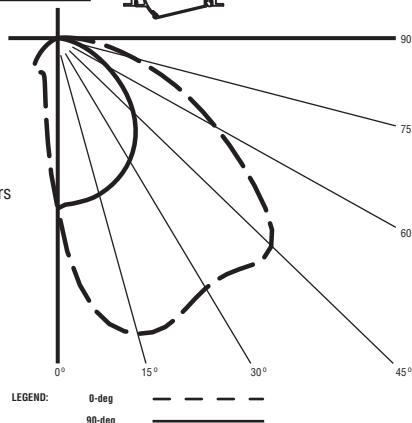
Luminaire Description: Extruded Aluminum Housing with Specular Upper and Lamp Side Reflectors and Matte White Wall Side Extrusion

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-K40-80-4'-X-120

Report Number: UL#904972.ies

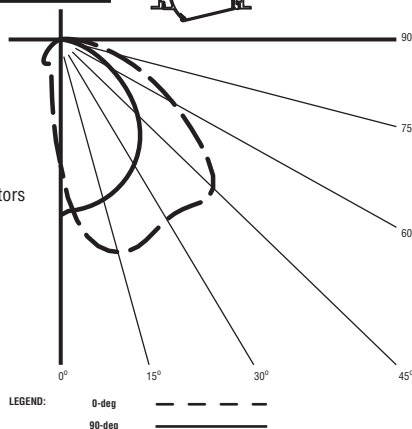
Luminaire Description: Extruded Aluminum Housing with Specular Upper and Lamp Side Reflectors and Matte White Wall Side Extrusion

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

PRECISION ARCHITECTURAL LIGHTING

LED lighting facts®

A Program of the U.S. DOE

Light Output (Lumens) 2399

Watts 40.71

Lumens per Watt (Efficacy) 58.93

Color Accuracy 82

Color Rendering Index (CRI)

Light Color 4000 (Bright White)

Correlated Color Temperature (CCT)

Warm White
Bright White
Daylight

2700K
3000K
4500K
6500K

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: INRP-NSXWDE (7/30/2015)
Model Number: ML3WW-HO-K40-4-XX-XX-UNV
Type: Luminaire - Wallwash

PRECISION ARCHITECTURAL LIGHTING

LED lighting facts®

A Program of the U.S. DOE

Light Output (Lumens) 1596

Watts 24.82

Lumens per Watt (Efficacy) 64.3

Color Accuracy 82

Color Rendering Index (CRI)

Light Color 4000 (Bright White)

Correlated Color Temperature (CCT)

Warm White
Bright White
Daylight

2700K
3000K
4500K
6500K

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: INRP-FACBR2 (7/30/2015)
Model Number: ML3WW-MO-K40-4-XX-XX-UNV
Type: Luminaire - Wallwash

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



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