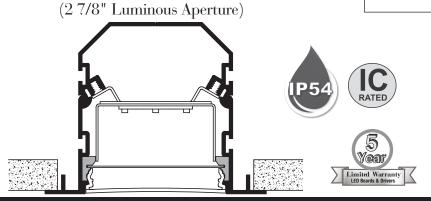
Microlinea™ Recessed Series 3 - Wet Location-IP54 with continuous Lens

Catalog Number	Type
Project Name	
Project Name	



MLR3WL54 Recessed Wet Location for 1/2" or 5/8" Thick Drywall Ceilings

(*Covered Ceiling Only)

Housing

Three piece extruded aluminum available in single sections up to 8' long in 1' increments. Standard flange finish is satin white.

Optical Control

(LOH) LED optimized high transmittance acrylic snap-in lens, formulated for maximum diffusion of the LED light Source.

Gasketing

Fixture Side Gasket: Extruded silicone rubber - continuously run along bothsides of fixture. Fixture End Gasket: Molded silicone rubber.

Moisture Shield

.030" thick clear polycarbonate (Required on continuous rows only.)

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.

Certification

Fixtures are ETL listed for use in recessed 'Wet Locations.' Ambient operating temperature rated from -30°C up to 50°C, and 0°C up to 50°C with battery back-up. IC (Insulation Contact) Rated. IP54 rated (Ingress Protection)

Driver

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

Light Engine

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

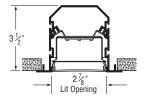
Standard outputs at 80 CRI:

HO - High Output

*746 Total Delivered Lms/Ft and 7.3 Watts/Ft **MO** - Medium Output

*463 Total Delivered Lms/Ft and 4.3 Watts/Ft (*All values 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.



MLR3WL54-0F OVERLAP FLANGE W/MOISTURE SHIELD (CONTINUOUS RUNS)



OVERLAP FLANGE
WITHOUT SHIELD
(INDIVIDUAL FIXTURES)



MLR3WL54-SF SPACKLE FLANGE W/MOISTURE SHIELD (CONTINUOUS RUNS) SF1 = 1/2" DRYWALL SF5 = 5/8" DRYWALL MLR3WL54-SF SPACKLE FLANGE WITHOUT SHIELD (INDIVIDUAL FIXTURES) SF1 = 1/2" DRYWALL SF5 = 5/8" DRYWALL

Sample Catalog Number: MLR3WL54 - HO - K40 - 80 - 4 - OF - YK - LOH - UNV - DIM1 - OPTIONS MLR3WL54 Microlinea Recessed 3 Wet Location - IP54 Lumen Output: HO - High Output = 746 Total Lms/Ft - 104 Lm/W (Using 3500K) MO - Medium Output = 463 Total Lms/Ft - 108 Lm/W CO - Custom Output = 1365 Lms/Ft - MAX. (Contact Factory) CCT: K30-3000K, K35-3500K, K40-4000K CRI: 80 (Standard), 90 (Optional) Fixture Lengths: 2', 3', 4', 6', and 8' For continuous rows of 8' or longer, specify nominal row length in 1' increments. Ceiling Type: OF = Drywall Overlap Flange SF1 = Spackle Flange with 1/2" Drywall SF5 = Spackle Flange with 5/8" Drywall Mounting: TR = 1/4-20 Threaded Rod (By Others) - (OF) YK = Snap-in Yoke - (OF) AC = Adjustable Aircraft Cable - (OF) TR = 1/4-20 Threaded Rod (By Others) - (SF) YK = Adjustable Yoke - (SF) TR - (0F) AC - (OF) Optical Control: LOH = LED Optimized Acrylic Snap-in Lens Voltage: UNV (120/277 - Universal Voltage), 347V Dimming: DIMX = Standard Driver - no Dimming DIM1 = Standard Driver wired for Dimming - 100% to 1% DIM0 = Optional Driver with Dimming - 100% to 0% Options: NLCKT = Night-Light Circuit (Common Neutral) EMCKT = Emergency Circuit (Separate Hot & Neutral)

EBPHST = Self-Testing Battery Pack (10 Watt) (*N/A for 2' or 3') FS = Fused Drivers GTD = Generator Transfer Device CP = Chicago Plenum

Recessed Wet Location - IP54

MLR3WL54-HO-K35-LOH



High Output

LED Optimized High Transmittance Lens

Catalog Number: MLR3WL54-H0-K35-80-4'-X-LOH-UNV

Report Number: #LLIA001201-002.ies

Luminaire Description: Extruded Aluminum Housing with

White Aluminum Reflector and LED

Optimized Acrylic Lens.

LED Module: Multiple White Low-Power Light

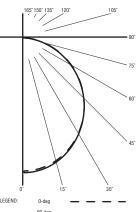
Emitting Diodes (LEDs) in a precise

lavout.

Total Luminaire Efficacy = 103.9 Lm/W

0% Up 100% Down

Color Rendering Index (CRI) = 82



ZONAL LUMEN SUMMARY

Zone		Lumens	% Fixture	
0-	30	832	27.9	
0-	40	1354	45.4	
0-	60	2368	79.4	
0-	90	2983	100.0	
90-	180	0	0.0	
0-	180	2983	100.0	

CANDELA DISTRIBUTION

0.0	22.5	45.0	67.5	90.0
1086	1086	1086	1086	1086
1075	1076	1079	1083	1088
1032	1032	1034	1038	1041
948	948	949	952	954
833	833	832	834	835
694	695	693	694	693
538	538	536	535	533
367	368	365	363	361
191	191	191	190	189
41	43	45	46	46
0	0	1	1	1
	1086 1075 1032 948 833 694 538 367 191 41	1086 1086 1075 1076 1032 1032 948 948 833 833 694 695 538 538 367 368 191 191 41 43	1086 1086 1086 1075 1076 1079 1032 1032 1034 948 948 949 833 833 832 694 695 693 538 538 536 367 368 365 191 191 191 41 43 45	1086 1086 1086 1086 1075 1076 1079 1083 1032 1032 1034 1038 948 948 949 952 833 833 832 834 694 695 693 694 538 536 535 367 368 365 363 191 191 191 190 41 43 45 46

MLR3WL54-MO-K35-LOH



Medium Output

LED Optimized High Transmittance Lens

Catalog Number: MLR3WL54-M0-K35-80-4'-X-LOH-UNV

Report Number: #LLIA001201-001.ies

Luminaire Description: Extruded Aluminum Housing with

White Aluminum Reflector and LED

Optimized Acrylic Lens.

LED Module: Multiple White Low-Power Light

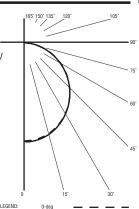
Emitting Diodes (LEDs) in a precise

layout.

Total Luminaire Efficacy = 107.5 Lm/W

0% Up 100% Down

Color Rendering Index (CRI) = 82



ZONAL LUMEN SUMMARY

Zone		Lumens	% Fixture		
0-	30	517	27.9		
0-	40	841	45.4		
0-	60	1471	79.4		
0-	90	1853	100.0		
90-	180	0	0.0		
0-	180	1853	100.0		

CANDELA DISTRIBUTION

07 11 12	07.11.12.12.17.11.12.07.10.11				
	0.0	22.5	45.0	67.5	90.0
0	675	675	675	675	675
5	668	669	671	673	676
15	641	642	643	645	647
25	589	589	590	592	593
35	518	518	517	519	519
45	432	432	431	431	430
55	334	334	333	332	331
65	228	228	227	226	224
75	119	119	118	118	117
85	26	26	28	29	28
90	0	0	0	1	1

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



