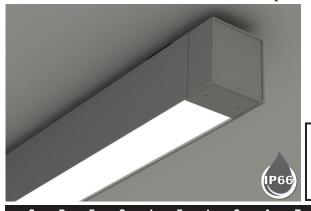
Microlinea[™] Series 3 Direct Wet Location - IP66

Catalog Number Type

Project Name

(Overall Width 3-17/32", Luminous Aperture 3-7/32")





B.U.G. Ratings (Backlight / Uplight / Glare) High Output: B1 - U0 - G1

Medium Output: B1 - U0 - G0
(See Photometric Files for More Information)

Housing

One piece .125" thick extruded aluminum. Diecast aluminum end caps are fully gasketed and secured with no visible fasteners. Standard lengths are nominal 2', 3', 4', 6' and 8'. Provisions may be made for continuous rows of virtually any length.

Internal Construction

All internal mechanical components, including fasteners, are aluminum or stainless steel.

Finish

Standard and custom finishes are baked powder coat electrostatically applied (2.0 mil minimum thickness) to assure aesthetics and durability.

Optical Controls

- (LOH) .100" thick, high transmittance extruded acrylic snap-in lens, for max. diffusion of the LED light source. Lens continuously gasketed against dust and water intrusion.
- (VR) Vandal Resistant: .100" thick, high transmittance extruded 100% D.R. acrylic lens with tamper-resistant hardware.

Reflector/Heat Sink

.060" thick formed aluminum finished with a high reflectance white baked powder coat.

Drive

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

Light Engine

LED light source available for 3000K, 3500K and 4000K CCT, in High and Medium outputs.

See below and following page for photometric data: lumen outputs, input power (watts), and efficacies.

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

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.

Mounting

All mounting components are aluminum or stainless steel. Standard finish for wall and ceiling assemblies is matte black. Stem/Canopy assemblies are painted to match fixture housing.

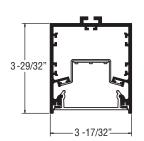
Certifications

Fixtures are ETL listed for use in 'Wet Locations. Ambient operating temperature rated from -30° C up to 50° C, and 0° C up to 50° C with battery back-up. IP-66 rated** IC rated (Recess Mount)

ML3WL66-D IP66 Rated

Suspended, Ceiling, Recessed or Wall Mount - Wet Location

3-17/32" x 3-29/32" Direct



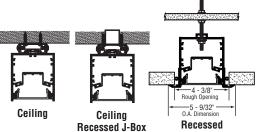
ML3WL66-D-HO ML3WL66-D-MO







Wall Recessed J-Box



**The IP (or Ingress Protection) rating defines the degree of protection for a luminaire from outside elements.

Sample Catalog Number: ML3WL66-D - HO - K40 - 80 - 4 - P - LOH - F01M - EF - 120 - DIM1 - OPTIONS 80 ML3WL66-D PAL ML3WL66-D Direct Wet Location Lumen Output / 4': HO - High Output = 2683 Total Lms. - 95 Lm/W MO - Medium Output = 1713 Total Lms. - 100 Lm/W (Using 4000K) CO - Custom Output (Contact factory for available output range) CCT: K30-3000K, K35-3500K, K40-4000K CRI: 80 (Standard) Fixture Lengths: 2', 3', 4', 6', and 8' Mounting: P = Rigid Stem (Up to 24" Std.) W = Wall Mount R = Recessed Mount J = Ceiling Mount WRJ = Wall Mount w/Recess J-Box JRJ = Ceiling Mount w/Recess J-Box Direct Optical Control: LOH = LED Optimized Acrylic Snap-in Lens VR = 100% D.R. Acrylic Lens with Tamper-Resist Hardware Standard Finish: F01M Matte White F10 Bronzed F11T Textured Black F12 Ultrasonic Clear FCC Custom Color Power Feed Location: **EF** = End Feed **TF** = Top Feed (N/A for Std. Ceiling Mount) **BF** = Back Feed (For Wall Mt. with Recess J-Box) Voltage: 120V. 277V. 347V or UNV (Universal Voltage) Drivers: **DIMX** = Standard Driver - No Dimming **DIM1** = Standard Driver wired for Dimming - 100% to 1% CWD = Optional Cold Weather Driver, -40 Deg C Ambient Temp. Rating (Available for High Output Only - 3' or Longer Fixtures) (N/A for 1% Dimming Option) Options: EMCKT = Emergency Circuit (Separate Hot & Neutral) EBPHST = Self-Testing Emergency Battery Pack (10 Watt) (N/A for 2' Fixtures, and N/A for 347V)

FS = Fused Drivers

Suspended/Ceiling/Recessed/Wall

ML3WL66-D-HO-K40-LOH

Wet Location Direct-High Output

LED Optimized High Transmittance Lens

Catalog Number: ML3WL66-D-H0-K40-4'-X-L0H-120

Report Number: #LLIA000676-002A.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.

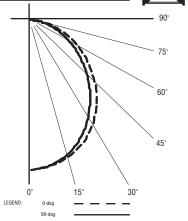
Total Luminaire Efficacy = 94.8 Lm/W

Input Power / 4' = 28.3 W 0% Up 100% Down

Color Rendering Index (CRI) = 83

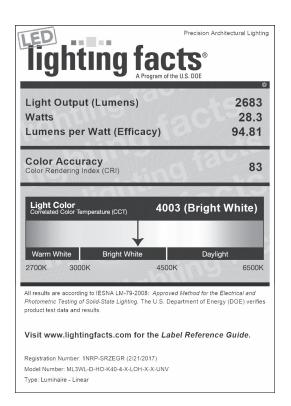
ZONAL LUMEN SUMMARY

Zone		Lumens	%Fixture
0-	30	902	33.6
0-	40	1408	52.5
0-	60	2262	84.3
0-	90	2683	100.0
90-	180	0	0.0
0-	180	2683	100.0



CANDELA DISTRIBUTION

CANDLLA DISTRIBUTION							
	0.0	22.5	45.0	67.5	90.0		
0	1250	1250	1250	1250	1250		
5	1242	1236	1245	1240	1234		
15	1178	1165	1159	1141	1131		
25	1054	1033	1003	967	952		
35	884	855	810	761	743		
45	687	659	610	559	542		
55	492	471	425	382	368		
65	313	298	262	231	219		
75	154	145	123	104	96		
85	34	29	18	11	9		
90	0	0	0	0	0		



ML3WL66-D-MO-K40-LOH

Wet Location Direct-Medium Output

LED Optimized High Transmittance Lens

Catalog Number: ML3WL66-D-MO-K40-4'-X-L0H-120

Report Number: #LLIA000676-001A.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.

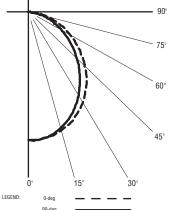
Total Luminaire Efficacy = 99.7 Lm/W Input Power / 4' = 17.2 W

0% Up 100% Down

Color Rendering Index (CRI) = 83

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	579	33.8
0- 40	903	52.7
0- 60	1447	84.5
0- 90	1713	100.0
90- 180	0	0.0
0- 180	1713	100.0



CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	804	804	804	804	804
5	799	795	801	798	793
15	758	749	745	733	726
25	678	664	644	620	609
35	569	549	518	486	473
45	441	422	389	355	344
55	315	300	270	241	232
65	199	189	166	145	138
75	98	92	78	65	60
85	21	18	11	7	6
90	0	0	0	0	0



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



