

ML3WL-D

Suspended, Ceiling, Recessed or Wall Mount - Wet Location/IP-65 Rated 3-17/32" x 3-29/32" Direct

Туре



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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, formulated for maximum diffusion of the LED light source. Lens is 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.

Driver

Osram-Sylvania "Optotronic" power supply is UL/CUL recognized, 0-10V dimming available, 120-277 universal voltage. 347V also available.

Light Engine

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

Catalog Number

HO - High Output

*2683 Total Delivered Lms. at 28 System Watts (Values per 4' using 4000K LED modules)

MO - Medium Output

*1713 Total Delivered Lms. at 17 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.

Circuitry

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

Wiring

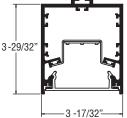
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring

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

All fixtures are UL/CUL listed for use in 'Wet Locations'. Ambient temperature rated up to 40° C, or 35° C with battery back-up. IP-65 rated*



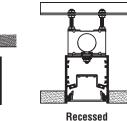
ML3WL-D-HO ML3WL-D-MO



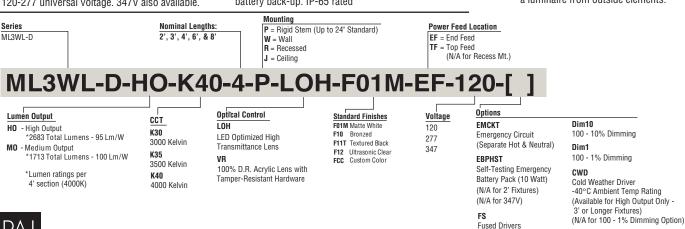


Rigid Stem

Ceiling



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





Precision Architectural Lighting 4830 Timber Creek Drive Houston, Texas 77017 Tel 713.946.4343 Fax 713.946.4441 www.pal-lighting.com



Suspended/Ceiling/Recessed/Wall ML3WL-D-HO-K40-LOH

15°

29

0

18

0

11

90

75°

60

45

30

0

9

0

0-deg

90-dea

34

0

CANDELA DISTRIBUTION

90

75

60°

45

30

Wet Location Direct-High Output

LED Optimized High Transmittance Lens

Catalog Number: ML3WL-D-HO-K40-4'-X-LOH-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 lavout.

Total Luminaire Efficacy = 94.8 Lm/W 0% Up 100% Down Color Rendering Index (CRI) = 83

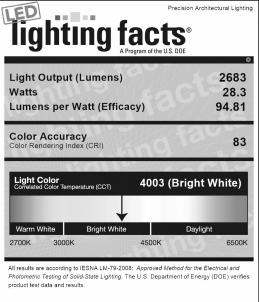
ZONAL LUMEN SUMMARY

ZONAL LOWER			UAN			514		
Zone	Lumens	%Fixture		0.0	22.5	45.0	67.5	90.0
0- 30	902	33.6	0	1250	1250	1250	1250	1250
0- 40	1408	52.5	5	1242	1236	1245	1240	1234
0- 60	2262	84.3	15	1178	1165	1159	1141	1131
0- 90	2683	100.0	25	1054	1033	1003	967	952
90- 180	0	0.0	35	884	855	810	761	743
0- 180	2683	100.0	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

90

LEGEND



Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: 1NRP-SRZEGR (2/21/2017)

Model Number: ML3WL-D-HO-K40-4-X-LOH-X-X-UNV

Type: Luminaire - Linear

ML3WL-D-MO-K40-LOH

Wet Location Direct-Medium Output

LED Optimized High Transmittance Lens

Catalog Number:	ML3WL-D-MO-K40-4'-X-LOH-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 0% Up 100% Down Color Rendering Index (CRI) = 83

ZONAL LUMEN SUMMARY

ZONAL LUM	EN SUMMARY		CAN	DELA DIS	TRIBUTIC	DN		
Zone	Lumens	%Fixture		0.0	22.5	45.0	67.5	90.0
0- 30	579	33.8	0	804	804	804	804	804
0- 40	903	52.7	5	799	795	801	798	793
0- 60	1447	84.5	15	758	749	745	733	726
0- 90	1713	100.0	25	678	664	644	620	609
90- 180	0	0.0	35	569	549	518	486	473
0- 180	1713	100.0	45	441	422	389	355	344
			55	315	300	270	241	232
			65	199	189	166	145	138

75

85

90

LEGEND

0-deg 90-dea

98

21

0

lighting f	acts	n Architectural Lightir)
	Program of the U.S. DOE	
Light Output (Lumens)		1713
Watts		17.18
Lumens per Watt (Effic	acy)	99.71
Color Accuracy Color Rendering Index (CRI)	ing ¹	83
	4002 (Brig	83 ght White)
Color Rendering Index (CRI) Light Color Correlated Color Temperature (CCT)	,	ght White)
Color Rendering Index (CRI)	,	

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: 1NRP-67FQ6C (2/21/2017) Model Number: ML3WL-D-MO-K40-4-X-LOH-X-X-UNV Type: Luminaire - Linear

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

92

18

Ω

78

11

Ω

65

7

0

60

6

0

