Microlinea™ Series 3 Asymmetric -Direct Wet Location-IP66

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

5 Year Limited Warranty LED Boards & Drivers

IP66

B.U.G. Ratings
(Backlight / Uplight / Glare)
High Output: B1 - U0 - G1
(See Photometric Files for More Information)

ML3WL66ASY-D IP66 Rated
Suspended, Ceiling, Recessed or Wall Mount - Wet Location

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

3 -29/32"

3 -17/32"

ML3WL66ASY-D-HO
ML3WL66ASY-D-MO
ML3WL66ASY-D-CO

Rigid Stem   **Wall**   **Wall Recessed J-Box**

Ceiling   **Ceiling Recessed J-Box**   **Recessed**

4 - 3/8" Rough Opening
5 - 9/32" O.A. Dimension

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

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

Housing
One piece .125" thick extruded aluminum. Die-cast aluminum end caps are fully gasketed and secured with no visible fasteners. Standard lengths are nominal 2', 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
(FLA) .100" thick, lightly frosted, high transmittance extruded acrylic snap-in lens with 50% DR content. Allows asymmetric light distribution and provides diffusion of the LED source. Lens is continuously gasketed against dust and water intrusion.

Reflector/Heat Sink
.060" thick formed aluminum finished with a high reflectance white baked powder coat.

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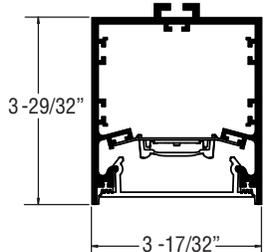
Certifications
Fixtures are ETL listed for use in 'Wet Locations. Ambient operating temperature rated from -30° C up to 50° C, and 0° C up to 50° C with battery back-up. IP-66 rated** IC rated (Recess Mount)
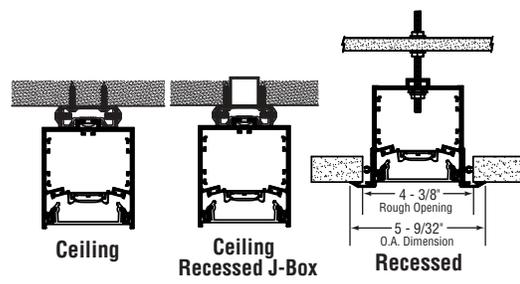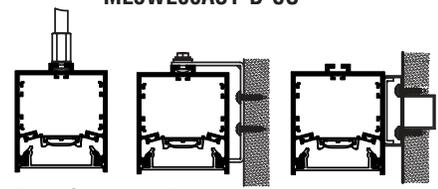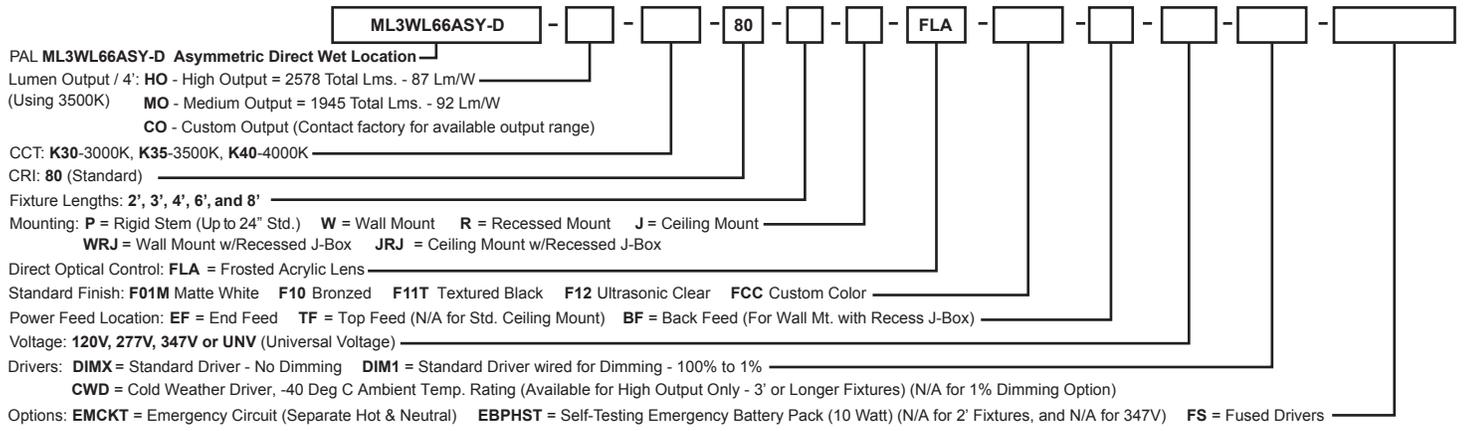

Sample Catalog Number: **ML3WL66ASY-D - HO - K40 - 80 - 4 - P - FLA - F01M - EF - 120 - DIM1 - OPTIONS**

| ML3WL66ASY-D | - | - | 80 | - | - | FLA | - | - | - | - | - |

PAL **ML3WL66ASY-D Asymmetric Direct Wet Location**
Lumen Output / 4': **HO** - High Output = 2578 Total Lms. - 87 Lm/W
(Using 3500K)   **MO** - Medium Output = 1945 Total Lms. - 92 Lm/W
       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/Recessed J-Box   **JRJ** = Ceiling Mount w/Recessed J-Box
Direct Optical Control: **FLA** = Frosted Acrylic Lens
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 = 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

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Suspended/Ceiling/Recessed/Wall

ML3WL66ASY-D-HO-K40-FLA

Wet Location Direct-High Output

LED Optimized High Transmittance Lens

Catalog Number: ML3WL66ASY-D-HO-K35-4'-X-FLA-120
Report Number: #LLIA000998-001.ies
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Frosted Acrylic Lens
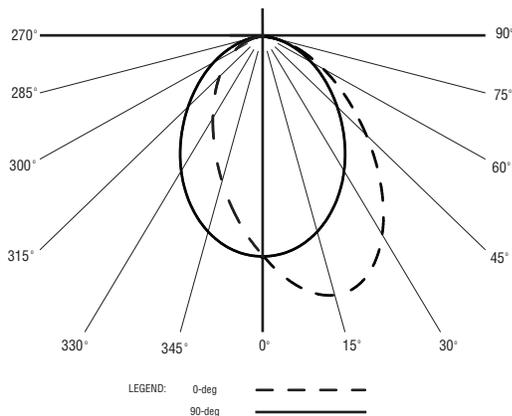**LED Module:** Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise layout.

Total Luminaire Efficacy = 87.4 Lm/W
Input Power / 4' = 29.5 W
0% Up   100% Down
Color Rendering Index (CRI) = 83

LEGEND: 0-deg - - - -
         90-deg ———

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	891	34.6
0- 40	1391	53.9
0- 60	2199	85.3
0- 90	2578	100.0
90- 180	0	0.0
0- 180	2578	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	1207	1207	1207	1207	1207
5	1321	1315	1290	1236	1197
15	1465	1441	1366	1239	1117
25	1400	1377	1298	1139	969
35	1127	1124	1088	951	781
45	788	799	808	719	583
55	497	511	536	494	404
65	277	291	313	301	252
75	116	125	142	142	122
85	7	9	18	28	27
90	0	0	0	0	0