

Microlinea™ Wall Series 3 - Indirect/Direct

Catalog Number	Type
Project Name	



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

Housing

One-piece .080" thick extruded aluminum. Die-cast aluminum end caps are secured with no visible fasteners. Standard lengths are nominal 2', 3', 4', 6', 8' and 12'. Provisions may be made for continuous rows of any length.

Finish

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

Indirect Optical Controls

- (OP) Open Top
- (FDC) Frosted 100% polycarbonate dust cover

Direct Optical Controls

(LOH) .070" thick, high transmittance extruded snap-in lens, formulated for maximum diffusion of the LED light source.

Reflector/Heat Sink

- Indirect - .040" thick die-formed aluminum finished with a high reflectance white enamel.
- Direct - .040" thick die-formed aluminum finished with a high reflectance white enamel.

Driver (Standard)

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

Driver (Tunable White)

EldoLED power supply is UL recognized, DALI, 0-10V, or DMX available, 120-277 universal voltage.

Light Engine (Standard)

LED light source available for 3000K, 3500K and 4000K CCT:

MO/MO: *4117 Total Delivered Lms. at 35 System Watts (DLC Listed)

HO/HO: *6496 Total Delivered Lms. at 57 System Watts (DLC Listed)

(*Values per 4' length using 4000K LED modules)

Light Engine (Tunable White)

Tunable White LED light source available for 2700K thru 6500K CCT, and 80 or 90 CRI. Contact factory for available outputs.

*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.

Controls

Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

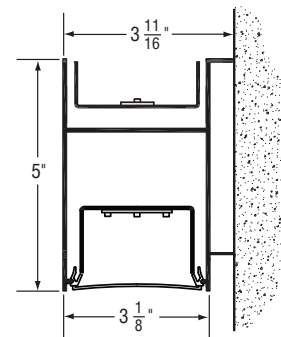
Certification

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

MLP3-I/D

3 1/8" x 5" Indirect/Direct Wall Mount

ADA Compliant



MLP3-I/D-MO/MO
MLP3-I/D-HO/HO

Sample Catalog Number: **MLP3-I/D - HO/HO - K40 / K40 - 80 - 4 - W - FDC / LOH - F01M - 120 - DIM1 - OPTIONS**



Microlinea Wall Series 3 - Indirect/Direct

Lumen Output/4': **HO/HO** -Hi Output (FDC) = 6496 Total Lms.-114 Lm/W (Using 4000K) **MO/MO** -Medium Output (FDC) = 4117 Total Lms. -119 Lm/W **CO/CO** - Custom Output (Contact factory for available output range)

CCT(Ind): **K30**-3000K, **K35**-3500K, **K40**-4000K, **TW**-Tunable White(2700K-6500K)

CCT(Direct): **K30**-3000K, **K35**-3500K, **K40**-4000K, **TW**-Tunable White(2700K-6500K)

CRI: **80** (Standard), **90** (Optional)

Fixture Length: **2', 3', 4', 6', 8', 12'**

For continuous rows of 12' or longer, specify nominal row length in 1' increments.

Mounting: **W** = Wall

Indirect Optical Controls: **OP** = Open Top **FDC** = Frosted Polycarbonate Dust Cover

Direct Optical Controls: **LOH** = LED Optimized High Transmittance Lens

Standard Finish: **F01M** Matte White

Premium Finishes: **F01G** Gloss White

F06 Pebble Beach

F11G Gloss Black

F15 Lemon

F02 Ivory

F07 Steel

F11M Matte Black

F16 Forest Hunter

F03 Stonewash

F08 Gray Seal

F12 Ultrasonic Clear

F20 Blue Print

F04 Camel

F09 Mocha

F13 Merlot

F21 Reflex Blue

F05 Gray Day

F10 Bronzed

F14 Red Skies

F22 Navy

FCC Custom Color

Voltage: **120V, 277V, 347V** or **UNV** (Universal Voltage)

Drivers: **DIMX** = Standard Driver - no Dimming **DIM1** = Standard Driver wired for Dimming 100% - to 1% **DIM0** = Optional Driver with Dimming - 100% to 0%

Options: **SS(UL)** = (Upper/Lower) LED Row Separate Switching (Common Neutral) **NLCKT** = Night-Light Circuit (Common Neutral) **EBPHST** = Self-Test Battery Pack (10 Watt) *N/A for 2' & 3'

EMCKT = Emergency Circuit (Separate Hot & Neutral) **DALI** = DALI Protocol Driver (Tun. White) **DMX** = DMX Protocol Driver (Tun. White) **0-10V/TW** = 0-10V Driver (Tun. White)

FS = Fused Drivers **GTD** = Generator Transfer Device



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



Wall - Indirect/Direct

MLP3-I/D-HO/HO-K40/K40-FDC/LOH

Indirect/Direct - High Output Up & Down

Frosted Dust Cover Up/LED Optimized Lens Down

Catalog Number: MLP3-I/D-HO/HO-K40/K40-80-4'-X-FDC/LOH-120

Report Number: #LJA000849-003-R02.ies

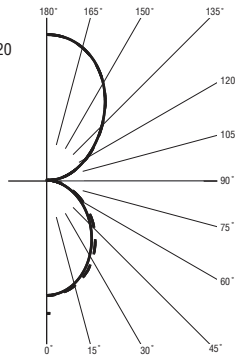
Luminaire Description: Extruded Aluminum Housing with White Alum. Reflectors, Frosted Dust Cover Up, and LED Optimized Lens Down

LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.

Total Luminaire Efficacy = 114.0 Lm/W

Color Rendering Index (CRI) = 83

56% Up 44% Down



LEGEND:
0-deg
90-deg



LED lighting facts® A Program of the U.S. DOE							
Light Output (Lumens)	6496						
Watts	57.04						
Lumens per Watt (Efficacy)	113.88						
Color Accuracy Color Rendering Index (CRI) 83							
Light Color Correlated Color Temperature (CCT) 3989 (Bright White)							
<table border="1"> <tr> <td>Warm White</td> <td>Bright White</td> <td>Daylight</td> </tr> <tr> <td>2700K</td> <td>3000K</td> <td>4500K</td> </tr> </table>		Warm White	Bright White	Daylight	2700K	3000K	4500K
Warm White	Bright White	Daylight					
2700K	3000K	4500K					
<small>All results are according to IESNA LM-79-2005 - 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.</small>							
<small>Visit www.lightingfacts.com for the Label Reference Guide.</small>							
<small>Registration Number: 1NRP-8Y430W (12/28/2017) Model Number: ML53-I/D-HO/HO-K40-4-XX-FDC/LOH-XXXX-120 Type: Luminaire - Linear</small>							

MLP3-I/D-MO/MO-K40/K40-FDC/LOH

Indirect/Direct - Medium Output Up & Down

Frosted Dust Cover Up/LED Optimized Lens Down

Catalog Number: MLP3-I/D-MO/MO-K40/K40-80-4'-X-FDC/LOH-120

Report Number: #LJA000849-004-R01.ies

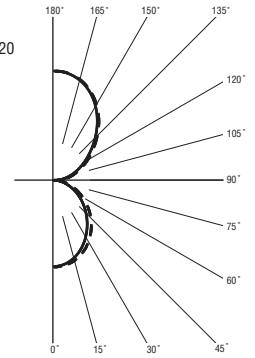
Luminaire Description: Extruded Aluminum Housing with White Alum. Reflectors, Frosted Dust Cover Up, and LED Optimized Lens Down

LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.

Total Luminaire Efficacy = 118.7 Lm/W

Color Rendering Index (CRI) = 83

56% Up 44% Down



LEGEND:
0-deg
90-deg



LED lighting facts® A Program of the U.S. DOE							
Light Output (Lumens)	4117						
Watts	34.67						
Lumens per Watt (Efficacy)	118.75						
Color Accuracy Color Rendering Index (CRI) 83							
Light Color Correlated Color Temperature (CCT) 3978 (Bright White)							
<table border="1"> <tr> <td>Warm White</td> <td>Bright White</td> <td>Daylight</td> </tr> <tr> <td>2700K</td> <td>3000K</td> <td>4500K</td> </tr> </table>		Warm White	Bright White	Daylight	2700K	3000K	4500K
Warm White	Bright White	Daylight					
2700K	3000K	4500K					
<small>All results are according to IESNA LM-79-2005 - 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.</small>							
<small>Visit www.lightingfacts.com for the Label Reference Guide.</small>							
<small>Registration Number: 1NRP-L1VKF1 (12/29/2017) Model Number: ML53-I/D-MO/MO-K40-4-XX-FDC/LOH-XXXX-120 Type: Luminaire - Linear</small>							



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

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



Made in America