

Microlinea™ Suspended Series 3-LED



Catalog Number	Type
Project Name	

MLS3-I/D-LED

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



Limited Warranty
LED Boards & Drivers

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 patterns and 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

- (FDC) Frosted 100% polycarbonate dust cover - Standard distribution
- (WSOP) Wide-Spread Optic/W.S. Dist. - Open Top
- (WSDC) Wide-Spread Optic/W.S. Distribution - Clear 100% polycarbonate dust cover

Direct Optical Control

(LOH) .070" thick, high transmittance extruded acrylic 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.

Integral Controls

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

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.

Driver (Standard)

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

Light Engine (Standard)

Osram-Sylvania LED modules available for 3000K, 3500K and 4000K CCT, in high and medium light outputs:

HO/HO -High Output (Up/Dn) - Frosted Dust Cover
*6496 Total Del'd Lms. at 57 System Watts

HO/HO -High Output (Up/Dn) - W.S. Optic/Open Top
*6737 Total Del'd Lms. at 57 System Watts

MO/MO -Medium Output (Up/Dn) - Frosted Dust Cover
*4117 Total Del'd Lms. at 35 System Watts

MO/MO -Medium Output (Up/Dn) - W.S. Optic/Open Top
*4283 Total Del'd Lms. at 35 System Watts

(*All values per 4' using 4000K LED modules)

Driver (Tunable White)

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

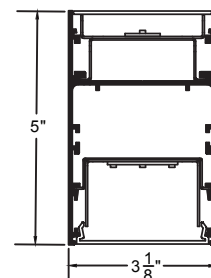
Light Engine (Tunable White)

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.

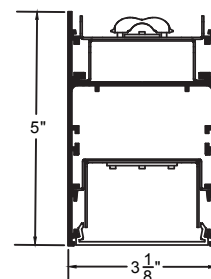
Certification

All fixtures are ETL listed for use in 'Dry or Damp Locations'.



MLS3-I/D-HO/HO-FDC/LOH
MLS3-I/D-MO/MO-FDC/LOH

Shown with optional Frosted Dust Cover



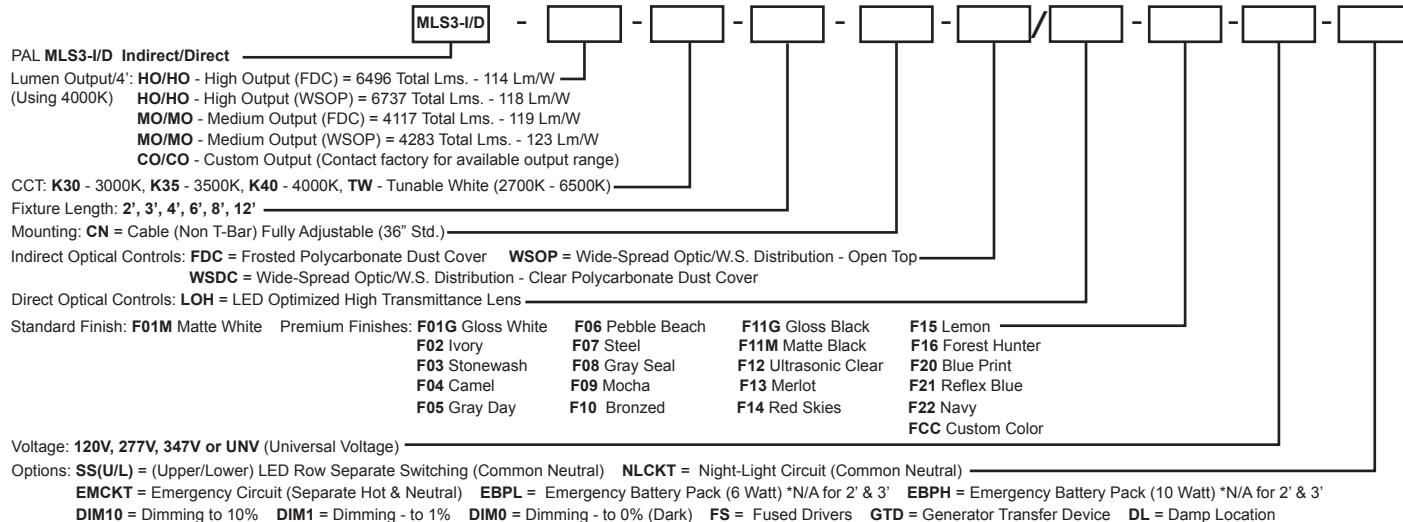
MLS3-I/D-HO/HO-WSOP/LOH
MLS3-I/D-MO/MO-WSOP/LOH



Wide-Spread Optic

The WS optic is a precisely designed, optical-grade acrylic LED-refraction system. Engineered for superior ceiling uniformity, it provides a more comfortable illuminated space while reducing energy requirements.

Sample Catalog Number: **MLS3-I/D - HO/HO - K40 - 4 - CN - WSOP/LOH - F01M - 120 - DIM10**



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



Made in America

Suspended - Indirect/Direct

MLS3-I/D-HO/HO-K40-FDC/LOH

Indirect/Direct - High Output Up & Down

Frosted Dust Cover Up/LED Optimized Lens Down

Catalog Number: MLS3-I/D-HO/HO-K40-4'-X-FDC/LOH-120

Report Number: #LLIA000849-003-R02.ies

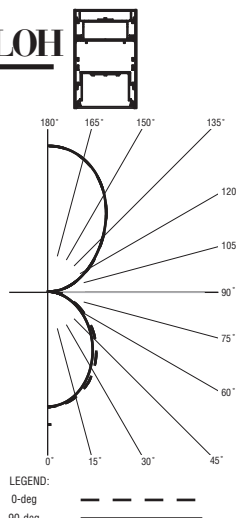
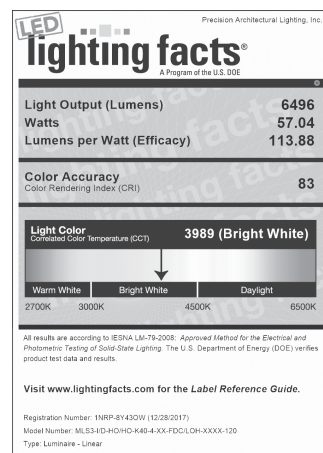
Luminaire Description: Extruded Aluminum Housing with White Alum. Reflectors, Frosted Dust Cover Up, and LED Optimized Lens Down

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



MLS3-I/D-MO/MO-K40-FDC/LOH

Indirect/Direct - Medium Output Up & Down

Frosted Dust Cover Up/LED Optimized Lens Down

Catalog Number: MLS3-I/D-MO/MO-K40-4'-X-FDC/LOH-120

Report Number: #LLIA000849-004-R01.ies

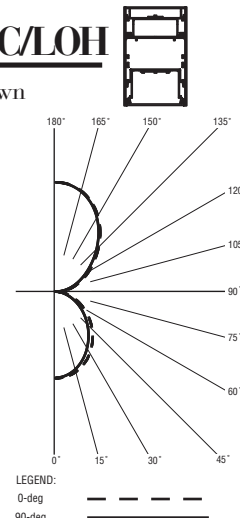
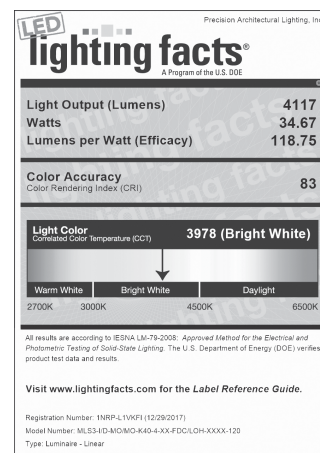
Luminaire Description: Extruded Aluminum Housing with White Alum. Reflectors, Frosted Dust Cover Up, and LED Optimized Lens Down

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



MLS3-I/D-HO/HO-K40-WSOP/LOH

Indirect/Direct - High Output Up & Down

Wide-Spread Dist. - Open Up/LED Optimized Lens Down

Catalog Number: MLS3-I/D-HO/HO-K40-4'-X-WSOP/LOH-120

Report Number: #LLIA000762-003-R01.ies

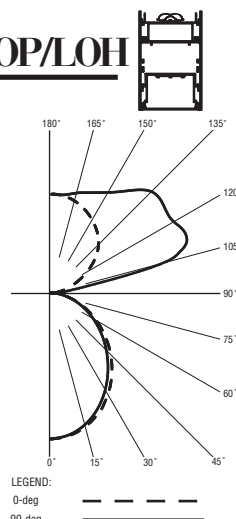
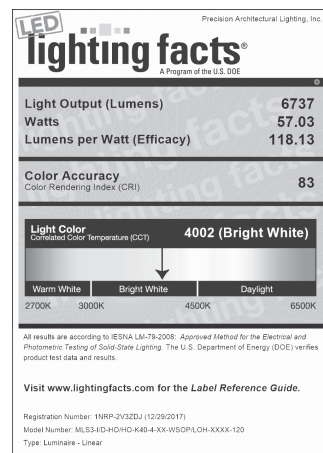
Luminaire Description: Extruded Aluminum Housing with White Alum. Reflectors, Acrylic W.S. Optic Up, and LED Optimized Lens Down

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

Total Luminaire Efficacy = 118.1 Lm/W

Color Rendering Index (CRI) = 83

57% Up 43% Down



MLS3-I/D-MO/MO-K40-WSOP/LOH

Indirect/Direct - Medium Output Up & Down

Wide-Spread Dist. - Open Up/LED Optimized Lens Down

Catalog Number: MLS3-I/D-MO/MO-K40-4'-X-WSOP/LOH-120

Report Number: #LLIA000762-006-R01.ies

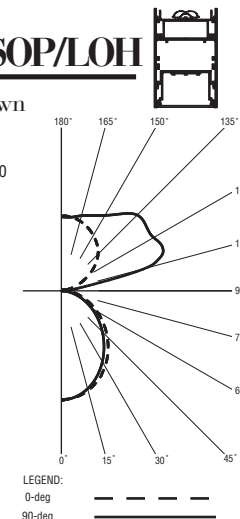
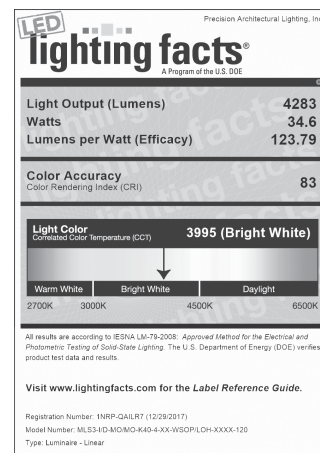
Luminaire Description: Extruded Aluminum Housing with White Alum. Reflectors, Acrylic W.S. Optic Up, and LED Optimized Lens Down

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

Total Luminaire Efficacy = 123.4 Lm/W

Color Rendering Index (CRI) = 83

57% Up 43% Down



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