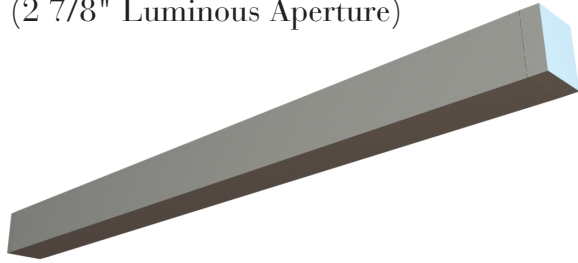


Microlinea™ Suspended Series 3 - LED

(2 7/8" Luminous Aperture)



Catalog Number	Type
Project Name	



MLS3-I-LED

3 1/8" X 3 1/2" Indirect Only
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 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. Distribution - Open Top.
- (WSDC) Wide-Spread Optic/W.S. Distribution - Clear 100% polycarbonate dust cover

Reflector/Heat Sink

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

Circuitry

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

Integral Controls

Contact factory for daylight and/or occupancy sensor controls.

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 standard light outputs:

- HO - High Output (Frosted Dust Cover)**
*3600 Total Delivered Lms. at 28 System Watts
 - HO - High Output (Wide-Spread Optic/Open Top)**
*3817 Total Delivered Lms. at 28 System Watts
 - MO - Medium Output (Frosted Dust Cover)**
*2277 Total Delivered Lms. at 17 System Watts
 - MO - Medium Output (Wide-Spread Optic/Open Top)**
*2408 Total Delivered Lms. at 17 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.

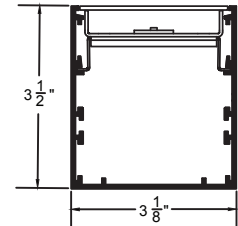
Light Engine (Tunable White)

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.

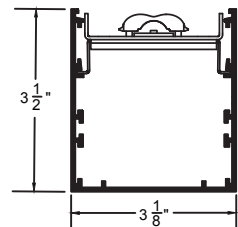
Certification

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



MLS3-I-HO-FDC
MLS3-I-MO-FDC

Shown with optional Frosted Dust Cover



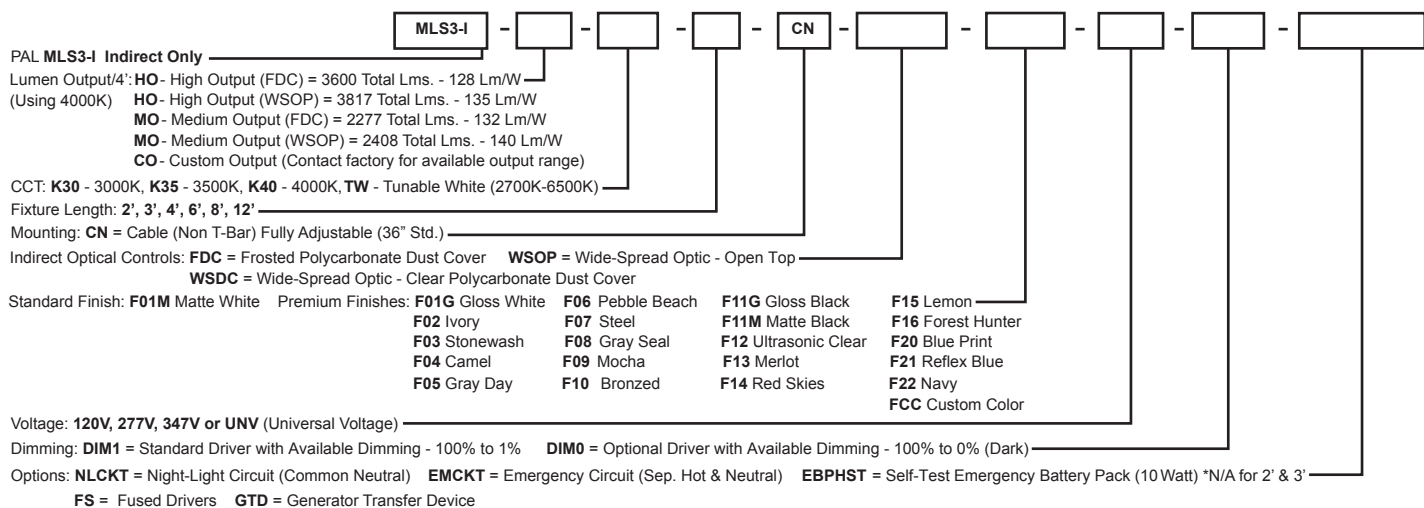
MLS3-I-HO-WSOP
MLS3-I-MO-WSOP



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 - HO - K40 - 4 - CN - WSOP - F01M - 120 - DIM1 - OPTIONS**



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

MLS3 - I - HO - K40 - FDC

Indirect - High Output

Frosted Polycarbonate Dust Cover

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

Report Number: #LLIA000849-001-R01.ies

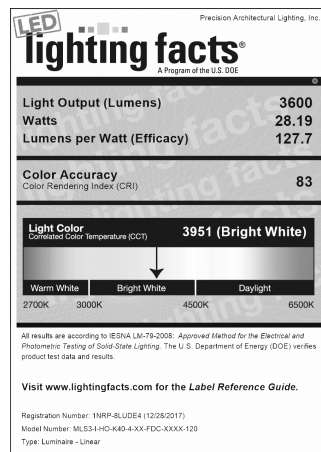
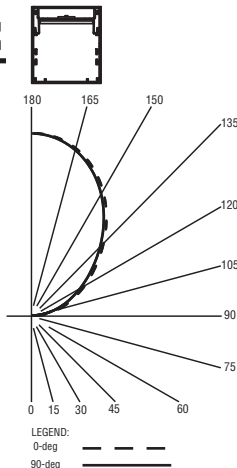
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Frosted Polycarbonate Dust Cover Up

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

Total Luminaire Efficacy = 127.7 Lm/W

Color Rendering Index (CRI) = 83

100% Up



MLS3 - I - MO - K40 - FDC

Indirect - Medium Output

Frosted Polycarbonate Dust Cover

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

Report Number: #LLIA000849-002-R01.ies

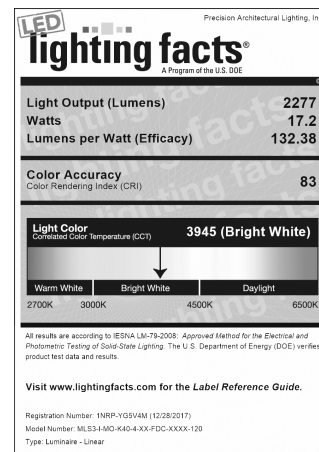
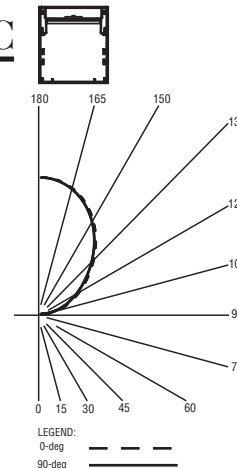
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Frosted Polycarbonate Dust Cover Up

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

Total Luminaire Efficacy = 132.4 Lm/W

Color Rendering Index (CRI) = 83

100% Up



MLS3 - I - HO - K40 - WSOP

Indirect - High Output

Wide-Spread Optic/Distribution - Open Top

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

Report Number: #LLIA000762-001-R03.ies

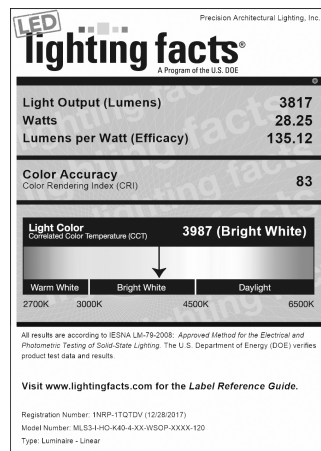
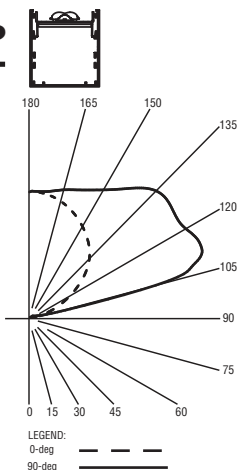
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Acrylic Optical 'Wide-Spread' Insert

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

Total Luminaire Efficacy = 135.1 Lm/W

Color Rendering Index (CRI) = 83

100% Up



MLS3 - I - MO - K40 - WSOP

Indirect - Medium Output

Wide-Spread Optic/Distribution - Open Top

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

Report Number: #LLIA000762-002-R01.ies

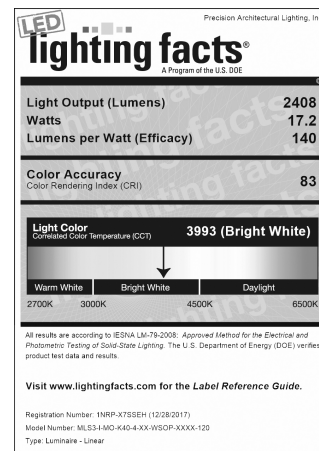
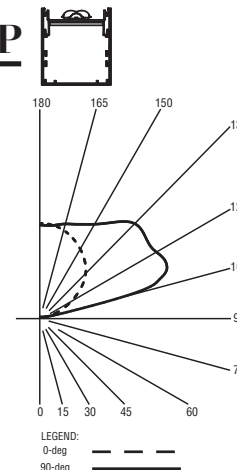
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and Acrylic Optical 'Wide-Spread' Insert

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

Total Luminaire Efficacy = 140.0 Lm/W

Color Rendering Index (CRI) = 83

100% Up



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



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

