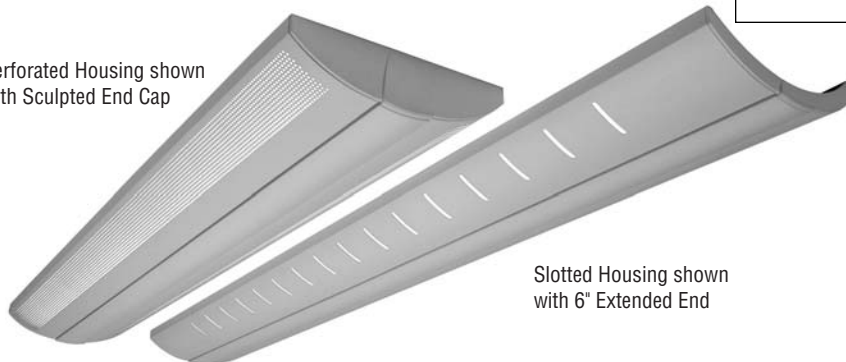


# Luminata™ Series - LED

Perforated Housing shown  
with Sculpted End Cap



Slotted Housing shown  
with 6" Extended End

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

### Housing

- (PH) Perforated Housing - Two-piece .070" thick extruded aluminum with perforated hole pattern on each side. Perforations to be .125" on .185" staggered centers and backed with a translucent white acrylic diffuser.
- (SL) Slotted Housing - Two-piece .070" thick extruded aluminum with slotted hole pattern on each side. Slots to be 1/4" wide by 1 7/8" long on 3" centers and backed with a translucent white acrylic diffuser.
- (SH) Solid Housing - Two-piece .070" thick extruded aluminum.

### End Caps

- (SE) Sculpted End - .090" thick die-cast aluminum finished to match fixture housing and secured with no visible fasteners.
- (XE) Extended End - 6" extension of extruded aluminum housing with a .125" low profile die cast aluminum end cap finished to match fixture housing and secured with no visible fasteners.

### Finish

Standard and premium finishes are baked powder coat electrostatically applied (2.0 mil minimum thickness) to assure aesthetics and durability. Standard finish for stems and canopies is white.

### Reflector/Heat Sink

Heavy gauge formed aluminum finished with a high reflectance white enamel.

### Light Engine

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

#### HO - High Output

\*5379 Total Delivered Lms. at 55 System Watts

#### MO - Medium Output

\*3536 Total Delivered Lms. at 32 System Watts

\*Due to continued advancement in LED technology, lumen performance is subject to change. Please visit our website for the most up-to-date information.

### Driver

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

### 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 daylight and/or occupancy sensor controls.

### Certification

All fixtures are UL/CUL listed for use in "Dry Applications". "Damp Location" is optional.

## LMS-I-MO•LMS-I-HO

10" x 2 3/4" Indirect  
(LED)



LMS-I-HO-PF  
LMS-I-MO-PF

Series  
LMS-I

Standard Lengths:  
4', 8' and 12'

For Continuous Rows  
see note below

### Mounting

CT = Cable (15/16" Tbar) Fully Adjustable (36" Standard)  
CN = Cable (Non-Tbar) Fully Adjustable (36" Standard)  
P = Rigid Stem (Up to 48" Standard)  
K = Swivel Stem (Up to 48" Standard)

## LMS - I - HO - K35 - PH - XE - 12 - CT- FO1M - V - [ ]

### Lumen Output

MO - Medium Output  
\*3536 Total Lumens - 111 Lm/W

HO - High Output  
\*5379 Total Lumens - 98 Lm/W

\*Lumen rating per  
4' section (3500K)

### CCT

K30  
3000 Kelvin

K35  
3500 Kelvin

K40  
4000 Kelvin

### Housing Style

PH  
Perforated

SH  
Solid

SL  
Slotted

### End Caps

SE  
Sculpted End

XE  
6" Extended End

### Standard Finishes

F01M Matte White e  
Premium Finishes

F01G Gloss White

F02 Ivory

F03 Stonewash

F04 Cameo

F05 Gray Day

F06 Pebble Beach

F07 Steel

F08 Gray Seal

F09 Mocha

F10 Bronze d

F11G Gloss Black

F11M Matte Black

F12 Ultrasonic Clear

F13 Merlot

F14 Red Skies

F15 Lemon

F16 Forest Hunter

F20 Blue Print

F21 Reflex Blue

F22 Navy

FCC Custom Color

### Voltage

120

277

### Options

NLCKT  
Night Light Circuit  
(Common Neutral)

EMCKT  
Emergency Circuit  
(Separate Hot & Neutral)

EBPL  
Emergency Battery Pack  
(6 Watt)

EBPH  
Emergency Battery Pack  
(10 Watt)

Dim  
Dimming

FS  
Fused Drivers

GTD  
Generator Transfer Device

DC  
Clear Extruded 100% DR  
Acrylic Dust Cover

DL  
Damp Location

DS  
Daylight Sensor

OS  
Occupancy Sensor

Note: For continuous rows over  
12' specify nominal row length  
in 1' increments.



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 LMS-I-HO-K35

## Mostly Indirect-High Output

### High Reflectance White Aluminum Reflector

**Catalog Number:** LMS-I-HO-K35-PH-SE-4-X-120

**Report Number:** LLJA# 000529-001.ies

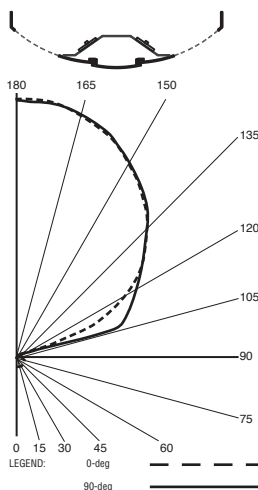
**Luminaire Description:** Extruded Aluminum Housing with White Aluminum Reflector, Cast Aluminum End Caps and Open Top

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

Total Luminaire Efficacy = 97.8 Lm/W

98% Up 2% Down

Color Rendering Index (CRI) = 83



### ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	27	0.5
0- 40	45	0.8
0- 60	79	1.5
0- 90	110	2.0
90- 180	5269	98.0
0- 180	5379	100.0

### CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	33	33	33	33	33
15	32	32	33	33	33
30	28	31	31	30	31
45	19	23	23	25	26
60	10	12	15	20	22
75	5	6	10	13	14
90	0	1	3	5	6
105	284	418	622	106	107
120	785	811	874	969	996
135	1206	1211	1205	1207	1194
150	1493	1508	1500	1483	1461
165	1667	1688	1687	1673	1658
180	1743	1743	1743	1743	1743

# LMS-I-MO-K35

## Mostly Indirect-Medium Output

### High Reflectance White Aluminum Reflector

**Catalog Number:** LMS-I-MO-K35-PH-SE-4-X-120

**Report Number:** LLJA# 000529-003.ies

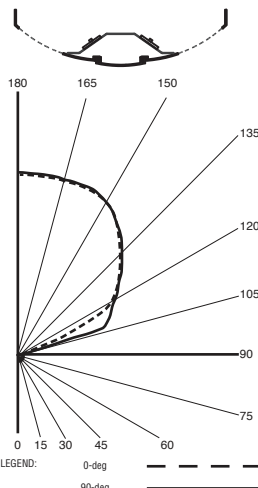
**Luminaire Description:** Extruded Aluminum Housing with White Aluminum Reflector, Cast Aluminum End Caps and Open Top

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

Total Luminaire Efficacy = 111.2 Lm/W

98% Up 2% Down

Color Rendering Index (CRI) = 83



### ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	18	0.5
0- 40	29	0.8
0- 60	52	1.5
0- 90	72	2.0
90- 180	3464	98.0
0- 180	3536	100.0

### CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	22	22	22	22	22
15	22	22	22	22	22
30	18	19	20	20	21
45	13	14	15	17	18
60	7	8	10	13	15
75	3	4	7	9	10
90	0	1	2	3	4
105	188	275	408	69	70
120	519	535	575	638	655
135	795	798	793	796	788
150	985	994	988	976	962
165	1099	1112	1111	1103	1093
180	1149	1149	1149	1149	1149

LED

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)

5379

Watts

55.04

Lumens per Watt (Efficacy)

97.8

Color Accuracy

Color Rendering Index (CRI)

83

Light Color

Correlated Color Temperature (CCT)

3489 (Bright White)

Warm White

Bright White

Daylight

2700K

3000K

4500K

6500K

Warranty\*\*

Yes

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008: 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.

\*\* See [www.lightingfacts.com/products](http://www.lightingfacts.com/products) for details.

Registration Number: 1NRP-SU2ZWR (2/12/2016)  
Model Number: LMS-I-HO-K35-PH-SE-4-X-X-UNV  
Type: Luminaire - Linear

LED

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)

3536

Watts

31.78

Lumens per Watt (Efficacy)

111.2

Color Accuracy

Color Rendering Index (CRI)

83

Light Color

Correlated Color Temperature (CCT)

3476 (Bright White)

Warm White

Bright White

Daylight

2700K

3000K

4500K

6500K

Warranty\*\*

Yes

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008: 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.

\*\* See [www.lightingfacts.com/products](http://www.lightingfacts.com/products) for details.

Registration Number: 1NRP-L6Z8TO (2/12/2016)  
Model Number: LMS-I-MO-K35-PH-SE-4-X-X-120  
Type: Luminaire - Linear



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