**Luminata<sup>™</sup> Series - LED** 

Catalog Number Type

Project Name



# LMS-I-MO LMS-I-HO

10" x 2<sup>3</sup>/<sub>4</sub>" Indirect (LED)

### 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.

### **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.

### Driver

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

### **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.

### 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.

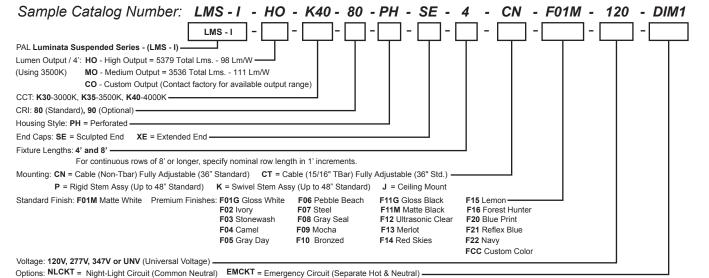
### Certification

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





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



EBPLST = Self-Testing Battery Pack (6 Watt) ("N/A for 2" or 3")

EBPHST = Self-Testing Battery Pack (10 Watt) ("N/A for 2" or 3")

DIM0 = Dimming - to 0% (Dark)

FS = Fused Drivers

GTD = Generator Transfer Device

DL = Damp Location

# Suspended

# LMS-1-<u>HO-K35</u> '

# Mostly Indirect-High Output

### **High Reflectance White Aluminum Reflector**

Catalog Number: LMS-I-H0-K35-80-PH-SE-4-X-120

Report Number: LLIA# 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

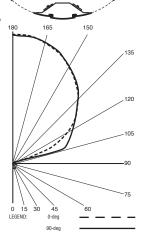
Emitting Diodes (LEDs) in a precise

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	8.0
0-	60	79	1.5
0-	90	110	2.0
90-	180	5269	98.0
0-	180	5379	100.0

### CANDELA DISTRIBUTION

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



# LMS-I-MO-K35

## **Mostly Indirect-Medium Output**

### **High Reflectance White Aluminum Reflector**

Catalog Number: LMS-I-MO-K35-80-PH-SE-4-X-120

Report Number: LLIA# 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

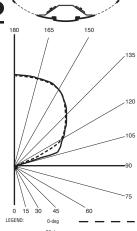
Emitting Diodes (LEDs) in a precise

layout.

Total Luminaire Efficacy = 111.2 Lm/W

98% Up 2% Down

Color Rendering Index (CRI) = 83

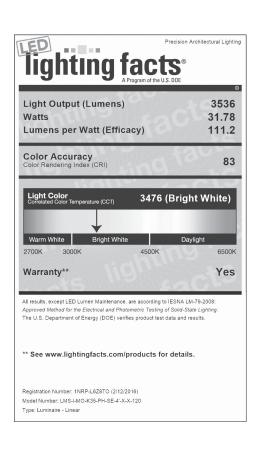


### ZONAL LUMEN SUMMARY

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	
05	188	275	408	69	70	
20	519	535	575	638	655	
35	795	798	793	796	788	
50	985	994	988	976	962	
65	1099	1112	1111	1103	1093	
80	1149	1149	1149	1149	1149	



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



