

FEATURES

- Rectilinear shape with clean, elegant lines for indirect/direct, and direct distribution
- Lumen packages range from 3200 to 7500 nominal lumens per 4ft section
- Up to 137 lumens/watt efficacy on selected packages
- Three LED CCT color choices and 83 CRI
- SpectraSync™ compatible options
- Upper/Lower switching available on some models
- Long-life LED is rated L90 at 60,000 hours with projected life over 100,000 to reduce facility maintenance
- Controls compatible, NX Distributed Intelligence enabled
- Patented die-cast plate at each fixture end ensures straight rows
- Five down light distribution options available
- DesignLights Consortium™ (DLC®) qualified with configurations qualifying for DLC® Premium
- Five year warranty
- Available with Lutron, eldoLED and DALI compatible

SHAPE AND DIMENSIONS

SpectraSync™
Color Tuning Technology
NX DISTRIBUTED INTELLIGENCE

PROJECT INFORMATION

Project Name	Type
Catalog No.	Date

CONSTRUCTION

- Heavy 20-gauge steel construction provides housing rigidity.
- Modular mounting points maintain convenient, predictable locations.
- The exact shape of the housing is maintained by the use of a patented inner die-cast plate at each fixture end (Patent# 6,796,676 B2) throughout the run to prevent snaking. The housing is designed to wrap around the plate and secures on top with concealed screws to ensure housing tolerances are consistent.

FINISH

Housing and all painted parts are treated with a multi-stage phosphate prior to finish. Parts are then finished with a white powder coat for maximum consistent coverage and longevity. Other colors may be specified; refer to page Color Selection Guide or contact your local Alera Lighting representative.

SHIELDING

Frosted acrylic lens is lay-in and sits flush with the housing. The lens is 83% transmissive.

DISTRIBUTION

- Fixture distribution with down light tray provides 20% down light.
- Available with down light reflector to provide 40%, 60%, 80% or 100% direct distribution.

MOUNTING

– Plank 7" LED Wall Mount is designed for wall mount applications using universal wall brackets which secure to die case end plates (provided by Alera) using a screw connection. Electrical connections are made within a standard 2" x 4" J-box; J-box and J-box covers by others.

LABELS AND ELECTRICAL

– All luminaires are built to UL1598 standards and bear appropriate CSA labels. Adheres to LM79 and LM80 standards. Damp location listed.

– Quick connect plugs standard.

– 1% 0-10V dimming driver standard

– Emergency-equipped fixtures are built to UL924.

– Please refer to DLC® website for specific product qualifications at www.designlights.org. DesignLights Consortium™ (DLC®) qualified; see www.designlights.org

CONTROLS COMPATIBILITY

Compatibility with specific control (example, dimmer switch) is by others. See below for daylight sensors installed.

ARCHITECTURAL SENSORS INSTALLED

Architectural daylight and occupancy sensors can be installed on the light fixture. See the Sensor Options Guide for details.

ORDERING INFORMATION

EXAMPLE: LP7-OA-8-35HL-60-CM48-EDU-MW

MODEL		SHIELDING	ROW LENGTH	LUMEN PKG	MOUNTING METHOD	VOLTAGE	FINISH
LP7	Plank 7" LED	OA Acrylic Lens	4 4' Single 8 8' Single – Indicate row length over 8' in 4' increments	VW Very Low Watt LW Low Watt ML Medium Lumen HL High Lumen VL Very High Lumen	WM Wall Mount (Std.)	U 120V-277V 347 347V	MW Matte White (Std.) ZT ZET Metallic Silver MB Black See Color Selection Guide for other colors.
LED COLOR		DISTRIBUTION	DRIVER	OPTIONS			
30	3000K	20 80% Up / 20% Down	E Fixed Output ED 0-10V 1% Dimming ⁶	AB A/B Circuitry	DC Dust Cover	ELL10 Emergency Battery Pack ¹	ELL10ST Emergency Battery Pack, Self Testing, Installed ¹
40	4000K	40 60% Up / 40% Down ³		EMC One Emergency Circuit ²	NLC One Night Light Circuit ²	GLR Fast Blow Fuse	GTD Generator Transfer Device ²
50	5000K	60 40% Up / 60% Down ³		DS_ Integral Daylight Sensor ^{1,4}	OS_ Integral Occupancy Sensor ^{1,4}	NX_ NX Distributed Intelligence ^{1,4}	UB Upper Lower Switching Separate Circuits ^{1,3} (not for 20% or 100% down distribution)
2750T	2700K-5000K SpectraSync™ Tunable White	80 20% Up / 80% Down ³		DUB Upper Lower Switching Et Dimming Separate Circuits ^{1,3,5}			
2765T	2700K-6500K SpectraSync™ Tunable White	100 0% Up / 100% Down ³					

PRODUCT AVAILABILITY TABLE, 3500K, 80% UP, 20% DOWN			
LUMEN PACKAGE	NOMINAL LUMENS	NOMINAL WATTS	LUMENS/WATT
VW	3200	30	107
LW	4200	37	114
ML	5200	41	127
HL	6200	53	117
VL	7500	63	119

¹ Not available with all configurations. Some limitations apply. Contact factory for details.

² Additional feed drop per EMC, NLC or GTD. (For through wiring, contact factory).

³ Optional down light reflector provides approximate patterns. Distribution pattern results may vary.

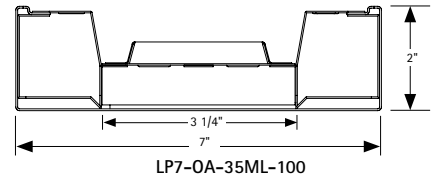
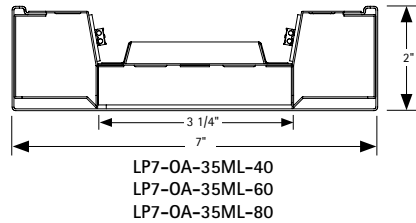
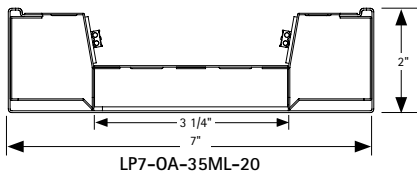
⁴ Review Sensor Options Guide for sensor selection.

⁵ Additional feed drop required for low voltage controls.

⁶ 5% dimming minimum when SpectraSync selected.

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CROSS SECTION



PHOTOMETRIC DATA

LUMINAIRE DATA Test LP7-OA-35ML-20

Luminaire	LP7-OA-35ML-20 LP7 Led 7 inch Plank, Beams 7" X 48", LED with frosted opal acrylic lens
Ballast	X1040C110V054BST1
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	5210
Watts	38
Mounting	Pendant
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.33 90° = 1.56
Luminous Opening in Feet	Length: 4.0 Width: 0.33 Height: 0.00

ZONAL LUMEN SUMMARY

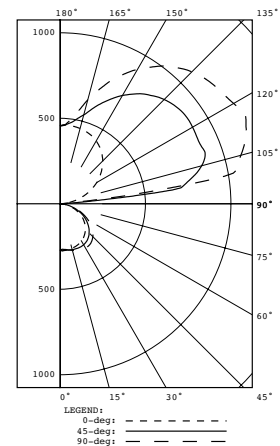
Zone	Lumens	% Fixt.
0-30	223	4.5
0-40	401	7.7
0-60	762	14.6
0-90	1003	19.2
90-180	4207	80.8

ENERGY DATA

Total Luminaire Efficiency	100%
Total Lumens Per Watt	137.1
ANSI/IESNA RP-1-2004 Compliance	YES-VDT INTENSIVE USE
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.33 based on 3000 hrs. and \$0.08 per KWH

Test 16.03112 Test Date 11/29/2016

INDOOR CANDELA PLOT



PHOTOMETRIC DATA

LUMINAIRE DATA Test LP7-OA-35HL-20

Luminaire	LP7-OA-35HL-20 LP7 Led 7 inch Plank, Beams 7" X 48" LED with frosted opal acrylic lens
Ballast	X1054C150V054BST1
Ballast Factor	1.00
Lamp	LED
Lumens per Lamp	6162
Watts	46
Mounting	Pendant
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.33 90° = 1.56
Luminous Opening in Feet	Length: 3.67 Width: 0.33 Height: 0.04

ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixt.
0-30	270	4.4
0-40	466	7.6
0-60	886	14.4
0-90	1170	19.0
90-180	4992	81.0

ENERGY DATA

Total Luminaire Efficiency	100%
Total Lumens Per Watt	134
ANSI/IESNA RP-1-2004 Compliance	YES-VDT INTENSIVE USE
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.40 based on 3000 hrs. and \$.08 per KWH

Test 16.03113 Test Date 12/6/2016

INDOOR CANDELA PLOT

