

LG Series

*Parking Garages, Industrial & Commercial
Natoriums, Wall Wash
Low bay and aisle lighting*

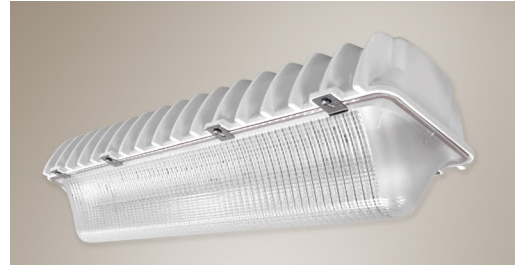


We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- HOUSING — Die Cast A380 Aluminum housing enclosure with cooling fins.
- APPLICATIONS — Parking garages, industrial and commercial low bay and aisle lighting, stairwell and hazardous applications.
- NANATORIUMS — Flat, Sanded, Tempered, Pattern 73 Glass, Silicon Gasketing and Conformal Coating to fixture both inside and exterior — OPTIONAL.
- LENS — Drop Acrylic Lens is Standard, Polycarbonate (PC) or Glass (GL) lenses optional. Clear or Frosted (Reduces Glare) — See Ordering Guide. Optional Flat Lenses.
- REFLECTOR — Specular Aluminum.
- GASKETING — Fully gasketed enclosure suitable for IP66 and Class I Div. II hazardous locations.
- MOUNTING — Two Stainless Steel mounting brackets for easy installation. Optional Pendant Mount: 1 Stem (Non-Rotatable) or 2 Stems (0°/30°/45° Rotation). Conduit knock-out holes in both ends of casting. Accommodates occupancy sensors or other controls.
- THERMAL MANAGEMENT — Copper Cooled Components (Patent Pending). Up to 60 Watt Rated for 47°C Operating Temp. 24/7 Duty Cycle.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. IP66 Rated. UL/cUL Listed for Wet Locations.
- WARRANTY — 5 year warranty standard, up to 10 year available — Consult Factory.



Shown with Flat Lens



MOUNTING OPTIONS

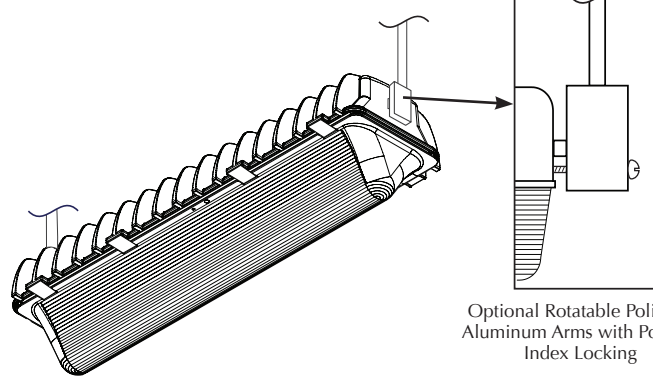
Shown with Swivel Option (SWL)



Shown with 1 Stem Option (PEND1)

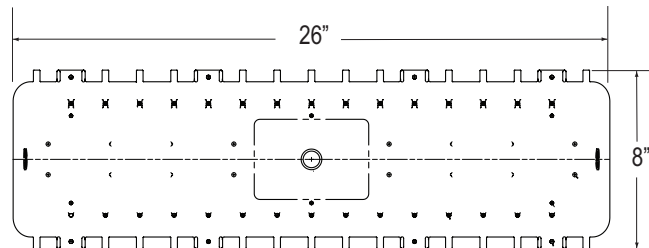
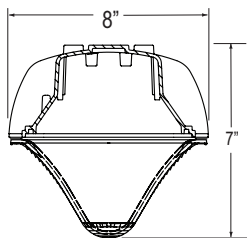


Shown with Rotatable Pendant Option (PEND2)



Optional Rotatable Polished Aluminum Arms with Positive Index Locking

DIMENSIONS



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LAMP TYPE/QTY/WATTAGE		
Fixture	LG	
Dimensions	8" W x 7" D x 26" L	
Light Emitting Diode	LED	40w / 50w / 60w / 80w

ORDERING GUIDE: Series Lamp/Wattage Color Voltage Finish Options

SERIES
LG = Linear Garage Series

LED WATTAGE
Refer to Above Chart
Photometric Data on Pg. 2-3

VOLTAGE
EBU = Universal Volt (120-277v)

COLOR TEMPERATURE
3K = ±3000K range
4K = ±4000K range
5K = ±5000K range

FINISH
BK = Black Finish
BZ = Bronze Finish
CC = Custom Color Finish
PNA = Painted Natural Aluminum
WH = White Finish Standard

LENS OPTIONS
ACR = Drop Clear Acrylic (Standard)
FACR = Drop Frosted Acrylic
PC = Drop Clear Polycarbonate
FPC = Drop Frosted Polycarbonate
GL = Drop Frosted Prismatic Glass
81 = .156" K12 Prismatic Polycarbonate Flat Lens
92 = .187" Clear Polycarbonate Flat Lens
93 = .156" C73 Prismatic Tempered Glass Flat Lens
94 = .156" C73 Prismatic Frosted Glass Flat Lens

HOUSING/ELECTRICAL/MOUNTING OPTIONS
9002 = Tamperproof Screwdriver
FUS = Single Fusing
NAT = Natorium Epoxy Coated Finish and Conformal Coated Light Engines
PEND1 = Pendant Mount: 1 Stem; NON-Rotatable
PEND2 = Pendant Mount: 2 Stems; Rotatable
RMB = Rapid Mount Box(s)—Reduces install time
SWL = Swivel D-Bracket
ROT = Rotatable Mounting Bracket.

DIMMING/SENSOR OPTIONS
BL1 = Bi-Level Light (High/Low)
— Single AC Input Feed, with Switch Sensor (Required)
BL2 = Bi-Level Light (High/Low)
— Wired for Dual AC Input Feeds
D7 = 0-10V low-voltage dimming (100-30% Standard, Consult Factory for Other)
MS11 = Motion Sensor Integral 1 (Microwave/Single Circuit)
— Steps: 0% - 100% - 0%
MS12 = Motion Sensor Integral 2 (Microwave/Single Circuit)
— Steps: xx% - 100% - xx%
— xx% = LOW Level and/or STANDBY Dim Levels:
Options: 50% / 30% / 20% / 10%

EMERGENCY BATTERY OPTIONS
No onsite Emergency Power (AC or DC) is provided
Specify Fixture Voltage: 120V or 277V Power Feed
A=120V or B=277V

Meets California Energy Commission Title 20:
(CEC-400-2014-009-CMF) Efficiency Standards

EL4W = Integral LED 4 Watt
REL4W = Remote LED 4 Watt
REL8W = Remote LED 8 Watt
REL16W = Remote LED 16 Watt
REL20W = Remote LED 20 Watt

Cold Weather Emergency Batteries:
Operating Temp: -20°C thru 50°C
NON-CEC Compliant

REL10W-CW = Remote LED 10 Watt (Cold Weather)
REL23W-CW = Remote LED 23 Watt (Cold Weather)

NOTES:
30 Max mounting height of fixture is 10' (10 feet).

PHOTOMETRIC DATA

Test # 103096176CHI-004

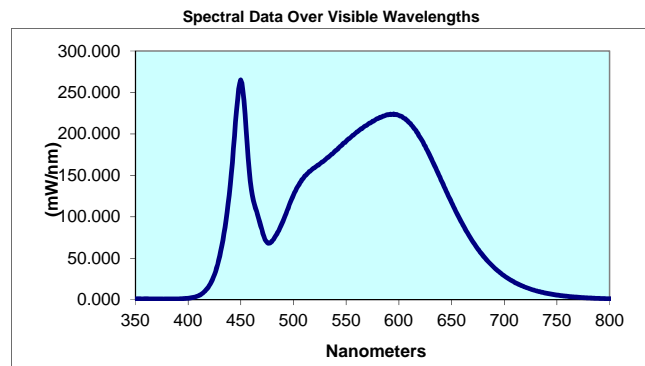
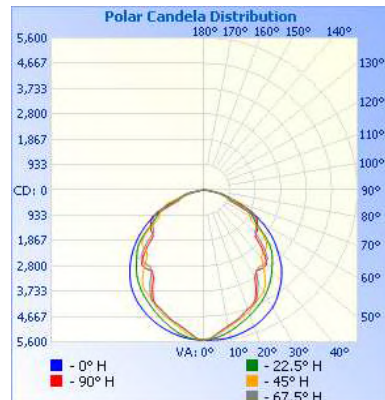
LG-LED120-4K-EBU-WH-85

Test Date: 12/4/2017 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample

Summary of Results	
Total Lumen Output	14227
Efficacy (Lm/W)	124.0
CRI	83.7
CCT	4186
Duv	0.002

Zonal Lumen Summary		
Zone	Lumens	%Luminaire
0-30	4044	29.3
0-40	6504	47.1
0-60	11249	81.5
60-90	2552	18.5
0-90	13801	100.0
90-180	0.0	0.0
0-180	13801	100.0

Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Current THD	Base Orientation
±25°C	120.0	961.4	114.7	0.994	6.60	Up



PHOTOMETRIC DATA

Test # 102063649CHI-011

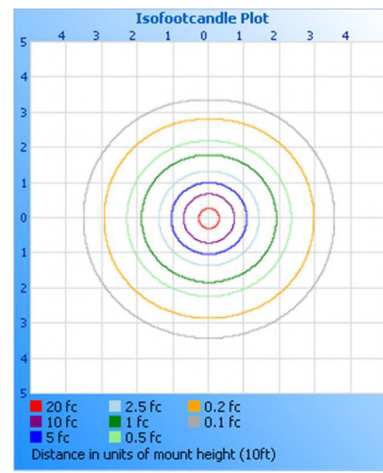
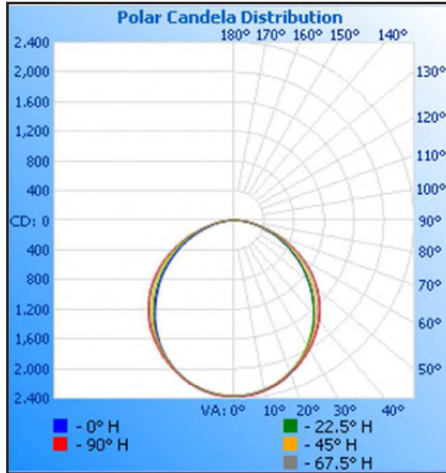
LG-LED75-5K-EBU-BK-D7-SWL-94

Test Date: 08/12/2015 – Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample

Summary of Results	
Total Lumen Output	6652
Efficacy (Lm/W)	91.61

Electrical Test Conditions				
Temp	Voltage	Current	Power	Power Factor
25°C (±1°C)	120.0	608.7	72.61	0.994

Zonal Lumen Summary		
Zone	Lumens	%Luminaire
0-30	1825	27.4
0-40	2980	44.8
0-60	5235	78.7
60-90	1415	21.3
0-90	6650	100.0
90-180	1.7	0.0
0-180	6652	100.0



PHOTOMETRIC DATA

Test # 102063649CHI-004

LG-LED80-5K-EBU-WH-D7

Test Date: 04/06/2015. – Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample

Summary of Results	
Total Lumen Output	7676
Efficacy (Lm/W)	99.55
CRI	84.3
CCT	5480
Duv	0.001

Electrical Test Conditions					
Temp	Voltage	Current	Power	Power Factor	Current THD
±25°C	120 / 277	670.6	80.12	0.996 / 0.937	6.05 / 18.09

Zonal Lumen Summary		
Zone	Lumens	%Lumi-naire
0-30	1079	14.1
0-40	1926	25.2
0-60	4208	55.0
60-90	2938	38.4
0-90	7146	93.4
90-180	504.0	6.6
0-180	7650	100.0

