

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

## Choice Series

### Surface Mount 11" x 18" Cylinder • COB LED

60,000 Hours • 1% Dimming, 0-10V

3 Step Binning • LM-80 and LM-79 Certified

## Specifications

### Delivered System Performance

- Lumen Series: **Must Specify**
  - 10500L
  - 8500L
  - 7000L
  - 6000L
  - 4500L
  - 3000L
- Select trim & beam distribution: see chart
- Select color (CCT): see chart; 80+ CRI standard; Option -HC for 90+ (15% lumen loss)
- 60,000 hour life (L70)

### Thermal Management System

- Aluminum heat sinks and components for cool operation, long life, low maintenance

### LED Driver - INTERNAL

- Indoor/Outdoor: -30°C to 60°C (-22°F to 140°F)
- 0-10V CCR 1% dimming standard
- Voltage Options: **Must Specify**
  - UNV - 120-277V (50-60Hz); load insensitive
  - 120 - 120V input (50-60Hz); for -D6

### Trim Assembly

- Low brightness self-flanged clear Softex™ Semi Specular cone with microprismatic lens
- Optional colors and finishes available
- Molded reflector system

### Aluminum Housing

- Seamless white acrylic enameled finish
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test
- No visible cylinder hardware
- Cool operation: Extends life of all components
- Fully sustainable: Entire luminaire
- See Options for additional finishes and mounts

### Installation

- Center point mounting for snug fit to ceiling; mounting hardware furnished.
- Indoor or outdoor for covered ceiling use

## LSC-11RDN



- 2" mounting collar maintains convection flow in surface mounting; also suitable for exposed conduit wiring
- Standard safety cable
- UL, C-UL (Canada), & FCC Compliance**
  - Damp or dry locations, covered ceilings
  - FCC Part 15 certified for EMI/RFI emissions

### FIVE YEAR Limited Warranty

- Complete standard fixture

## Options and Ordering Configuration

(Example: LSC-11RDN-8500L-WFL-30K-UNV-EI-38)

Declare.



Made in the USA  
BABAA Compliant



FCC Part 15  
Certified



UL Listed  
Damp, Dry

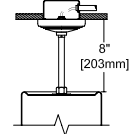
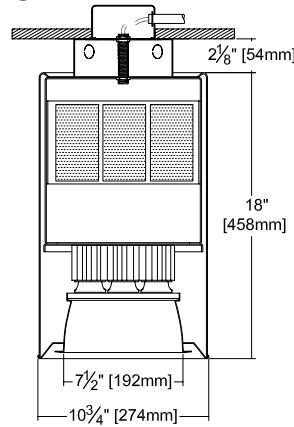
Must Specify					Optional				
Model	Lumens	Beam	CCT & CRI	Volts	Driver Options	Emergency Options	Housing/Trim Options	Mounting Options	Other Options
LSC-11RDN									
	-10500L -8500L -7000L -6000L -4500L -3000L	-NFL -MFL -WFL	<b>80+ CRI*</b> -27K: 2700°K -30K: 3000°K -35K: 3500°K -40K: 4000°K -50K: 5000°K  *Note: Lumen Factor = 0.93 for -27K <b>90+ CRI**</b> -27K-HC: 2700°K -30K-HC: 3000°K -35K-HC: 3500°K -40K-HC: 4000°K -50K-HC: 5000°K (N/A in -3000L)  **Note: Lumen Factor = 0.79 for -27K-HC; All Others = 0.85	-UNV -120	(Blank): Standard 0-10V CCR 1% dim  -D2: 0-10V 0.1% dim -D3: DALI 1.0% dim -D4: DALI 100-0.1% dim -D5: DMX512A 0.1% dim; consult factory for use with pendant, cable mount -D6: Triac/ELV dim; <b>120 volt only</b> ; -4000L max -ECO: Lutron EcoSys; Dim-to-black; Consult factory; -4000L max	(Blank): None  -EI: Remote inverter for 33% rated lumens up to -3000L; 90+ minutes; N/A for Options -FS -E14: Remote emergency inverter for 33% rated lumens up to -4000L; CEC Compliant; 90+ minutes; N/A for Options -FS -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes; N/A with pendant, cable mount	(Blank): Standard white enamel housing finish with clear Softex™ trim  <b>Trim Finishes</b> -30T: White enamel trim -62T: Clear specular trim  <b>Housing Finishes</b> -35: Silver enamel finish -37: Dark bronze enamel finish -38: Black enamel finish -94: Custom color/finish; specify; consult factory	(Blank): 2" surface collar for convection air flow and/or exposed conduit  -87: Custom length pendant/cable; for -ASB, -ASW, -PM -88: Swivel canopy for sloped ceilings to 40°; with -PM -ASB: Aircraft cable, black cord; 48" or see -87 -ASW: Aircraft cable, white cord; 48" or see -87 -PM: Pendant stem; 8" stem or see -87 -WB: Wall mounted	(Blank): None  <b>Lens Options</b> -13: Clear polycarbonate beneath diffusing lens -DA: Diffuse acrylic lens instead -WA: White acrylic lens instead  <b>Other Options *</b> -99: Special modification; consult factory -AWN: Athena Wireless Node; N/A for Dimming Options D5, D6, ECO -FS: Fused primary; 1 per LED module; N/A for Options -EI, -E14  *Note: For other integrated control solutions, such as nLight, contact factory

## Performance Factors

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
<b>-10500L</b>	<b>1.00</b>	<b>117.0</b>	<b>1.00</b>
-8500L	0.83	93.0	1.04
-7000L	0.67	74.0	1.06
-6000L	0.58	61.0	1.11
-4500L	0.42	43.2	1.13
-3000L	0.31	32.1	1.13

\* See notes on page 1 for additional info on Lumen Factors

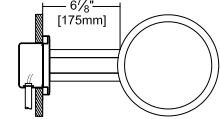
## Dimensions



Representative Views:

(Above) With optional pendant mount (Option -PM)

(Below) With optional wall bracket (Option -WB)



## Photometry - Installed Complete Fixture

Photometry from L.L.I., Allentown, PA

LM-79 IESNA Certified Photometry from Light Labs, International

**-10500L-NFL**

Lumens: 10375  
LPW: 89  
Beam: ~35°  
SC: 0.6  
LLI Test: 1511-002

Nominal Lumens	Actual Lumens	Actual LPW
<b>10500L</b>	<b>10375</b>	<b>88.7</b>
8500L	8611	92.7
7000L	6951	94.1
6000L	6018	98.6
4500L	4358	100.9
3000L	3216	100.2

**-10500L-MFL**

Lumens: 10658  
LPW: 91  
Beam: ~50°  
SC: 0.8  
LLI Test: 1511-004

Nominal Lumens	Actual Lumens	Actual LPW
<b>10500L</b>	<b>10658</b>	<b>91.1</b>
8500L	8833	95.0
7000L	7141	96.5
6000L	6182	101.3
4500L	4476	103.6
3000L	3304	102.9

**-10500L-WFL**

Lumens: 10125  
LPW: 87  
Beam: ~24°  
SC: 0.40  
LLI Test: 1511-005

Nominal Lumens	Actual Lumens	Actual LPW
<b>10500L</b>	<b>10125</b>	<b>86.8</b>
8500L	8481	91.5
7000L	6784	92.0
6000L	5873	96.6
4500L	4253	98.7
3000L	3139	98.1

**-8500L-NFL**

Lumens: 8611  
LPW: 93  
Beam: ~35°  
SC: 0.6  
LLI Test: 1511-006

Nominal Lumens	Actual Lumens	Actual LPW
<b>10500L</b>	<b>10375</b>	<b>88.7</b>
<b>8500L</b>	<b>8611</b>	<b>92.7</b>
7000L	6951	94.1
6000L	6018	98.6
4500L	4358	100.9
3000L	3216	100.2

**-8500L-MFL**

Lumens: 8833  
LPW: 95  
Beam: ~49°  
SC: 0.8  
LLI Test: 1511-008

Nominal Lumens	Actual Lumens	Actual LPW
<b>10500L</b>	<b>10658</b>	<b>91.1</b>
<b>8500L</b>	<b>8833</b>	<b>95.0</b>
7000L	7141	96.5
6000L	6182	101.3
4500L	4476	103.6
3000L	3304	102.9

**-8500L-WFL**

Lumens: 8481  
LPW: 92  
Beam: ~57°  
SC: 0.9  
LLI Test: 1511-009

Nominal Lumens	Actual Lumens	Actual LPW
<b>10500L</b>	<b>10125</b>	<b>86.8</b>
<b>8500L</b>	<b>8481</b>	<b>91.5</b>
7000L	6784	92.0
6000L	5873	96.6
4500L	4253	98.7
3000L	3139	98.1

LED manufacturers maintain a tolerance of +/-7% on flux (lumens) and power (electrical) measurements.

▲ Cone of Light Key  
Dist. (in ft.) shown is where FC value is half the FC at nadir.  
Dist. Distance (Ft.) from fixture  
FC Footcandles at nadir (0°)  
Dia. Circle of light at 50% of FC