

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
- 2" mounting collar maintains convection flow in surface mounting; also suitable for exposed conduit wiring
- Standard safety cable

LSC-11RDN has been discontinued. Please consult factory for additional assistance.

LSC-11RDN



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

Maintenance and Future-Proofing

- M1 maintenance level standard- Phillips head screwdriver, and/or a basic wrench needed
- Lighthead, driver replaceable through the aperture of the fixture with quick-connections, no soldering required
- Backed by Kirlin's [25-Year Legacy Support Guarantee](#)

Declare.
Red List Approved
See Option RLA

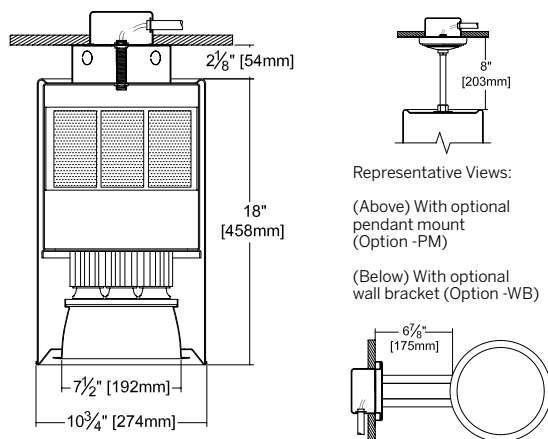

Made in the USA
BABAA Compliant

FC
FCC Part 15
Certified


UL Listed
Damp, Dry


Maintenance
Level M1

Dimensions



Available Maintenance Levels

Level	Option	Tools Required to Service LED Module and Driver
	Standard	 Phillips head screwdriver, and/or a basic wrench needed

Options and Ordering Configuration

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

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	80+ CRI* -27K: 2700°K -30K: 3000°K -35K: 3500°K -40K: 4000°K -50K: 5000°K *Note: Lumen Factor = 0.93 for -27K 90+ CRI** -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 -D3DC: DC2DC DALI 1.0% dim; -4000L max; must use -57DC voltage option -D4: DALI 100-0.1% dim -D4DC: DC2DC DALI 0.1% dim; -4000L max; must use -57DC voltage option -D5: DMX512A 0.1% dim; consult factory for use with pendant, cable mount -D6: Triac/ELV dim; 120 volt only ; -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 -EI4: 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 Trim Finishes -30T: White enamel trim -62T: Clear specular trim Housing Finishes -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 Lens Options -13: Clear polycarbonate beneath diffusing lens -DA: Diffuse acrylic lens instead -WA: White acrylic lens instead Other Options -99: Special modification; consult factory -FS: Fused primary; 1 per LED module; N/A for Options -EI, -EI4 -RLA: Declare Red List Approved fixture

Performance Factors

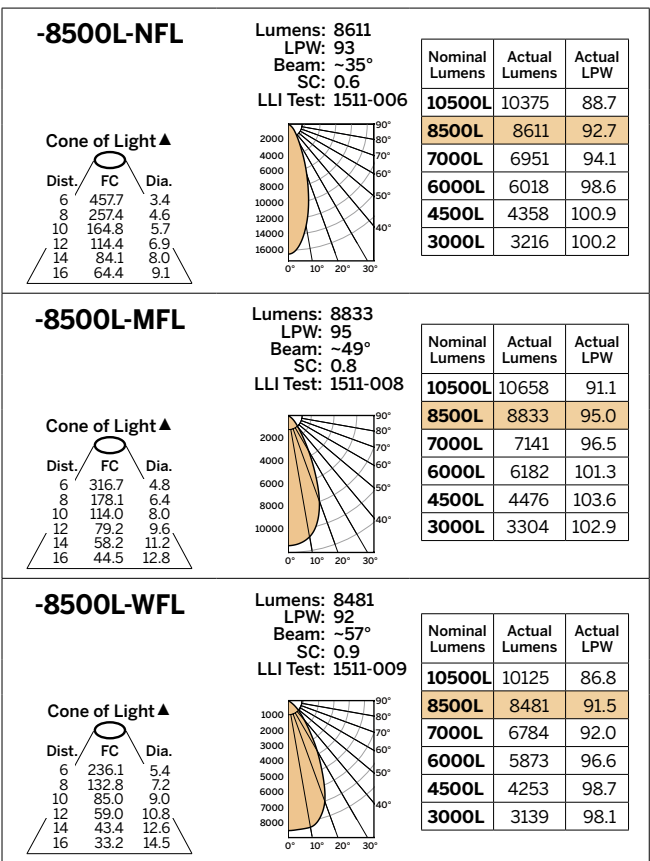
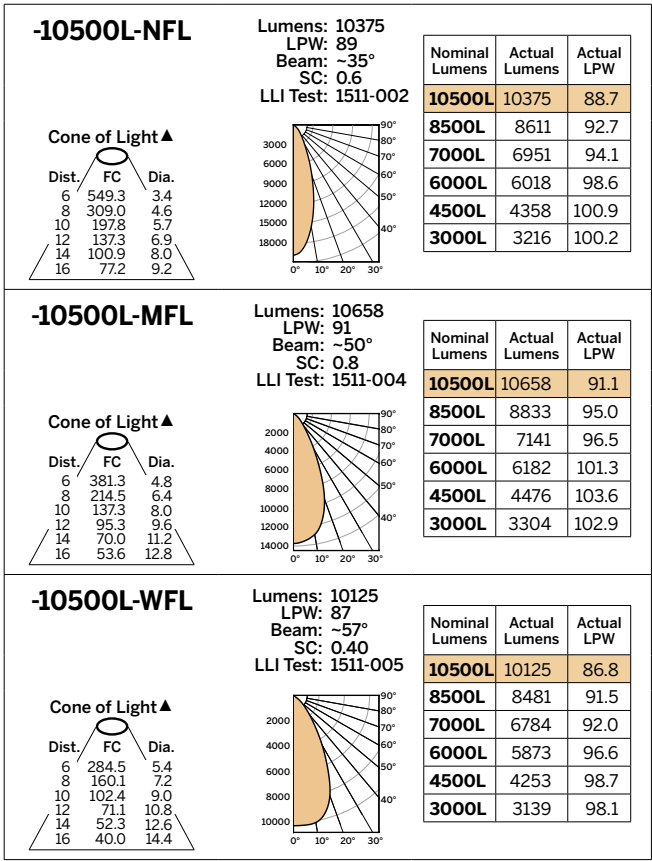
NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-10500L	1.00	117.0	1.00
-8500L	0.83	93.0	1.04
-7000L	0.67	74.0	1.06
-6000L	0.58	61.0	1.11
-4500L	0.42	43.2	1.13
-3000L	0.31	32.1	1.13

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

Photometry - Installed Complete Fixture

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

LM-79 IES Certified Photometry from IncLight Labs, International



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

▲ Cone of Light Key
Dia. (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

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR FIVE YEARS FROM DATE OF PURCHASE. INSTALLATION TO N.E.C. IN NORMAL USE. Manufacturer at this option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices of manufacturer within two years of original shipment. Liability of manufacturer shall not be liable for any other damages, direct or indirect, sustained or suffered by purchaser or any person. This warranty is supplied to the buyer in place of all other warranties, expressed or implied. Seller does not warrant as to merchantability or fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abnormal use, abuse of the fixture, improper installation or repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.