

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Choice Series

Cord Mount 3" x 12" Cylinder • COB LED

60,000 Hours • 1% Dimming, 0-10V

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

Specifications

Delivered System Performance

- Lumen Series: **Must Specify**
 - 4000L
 - 3000L
 - 2000L
 - 1500L
 - 1000L
- 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

Thermal Management System

- All aluminum heat sink and components for cool operation, long life, low maintenance

LED Driver - INTERNAL to J-BOX

- 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

Optic Assembly

- TIR (Total Internal Reflection) lens molded acrylic

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

Outlet Box

- UL listed J-box; prewired; 4" sq x 2 1/8" deep
- 1/2" and 3/4" knockouts

Installation

- Cord pendant mount. White, or optional black see Option **-CMB**
- 48" standard length or see Option -87
- Mounting plate and hardware furnished

LSC-03RDN

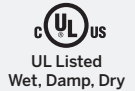


UL, C-UL (Canada), & FCC Compliance

- Cord mount: Damp or dry locations, covered ceilings
- Surface (-SM) mount: Wet, 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-03RDN-3000L-NFL-30K-UNV-EI-38)

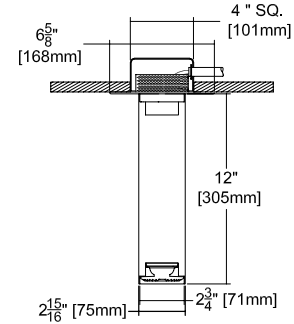
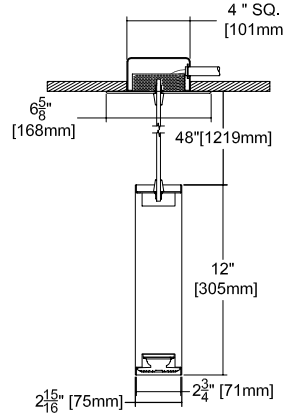
Must Specify					Optional				
Model	Lumens	Beam	CCT & CRI	Volts	Driver Options	Emergency Options	Housing Finish	Mounting Options	Other Options
LSC-03RDN									
	-4000L -3000L -2000L -1500L -1000L	-NFL -MFL -WFL	80+ CRI* -27K: 2700°K -30K: 3000°K -35K: 3500°K -40K: 4000°K -50K: 5000°K *Note: Lumen Factor = 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 (-2000L or below) **Note: Lumen Factor = 0.79 for -27K-HC; All Others = 0.85	-UNV -120	(Blank): Standard 0-10V CCR 1.0% dim -D6: Triac/ELV dim; 120 volt only Consult Factory: -D2: 0-10V 0.1% dim -D3: DALI 1.0% dim -D4: DALI 0.1% dim -D5: DMX512A 0.1% dim -ECO: Lutron EcoSys Dim-to-black	(Blank): None -EI: Remote inverter for 100% rated lumens up to -3000L; 90+ minutes; N/A for Options -FS -EI4: Remote emergency inverter for 100% rated lumen up to -4000L; CEC Compliant; 90+ minutes; N/A for Options -FS	(Blank): Standard white enamel -35: Silver enamel finish -37: Dark bronze enamel finish -38: Black enamel finish -94: Custom color/finish; specify; consult factory	(Blank): Standard white cord mounting hardware -87: Custom cord length; specify length other than 48" -CMB: Black cord mount instead; 48" standard length or see Option -87 -SM: Surface mount instead -WB: Wall mounted instead; 1 3/16" arm plus 1/4" wall plate	(Blank): None -99: Special modification; consult factory -FS: Fused primary; 1 per LED module; N/A for Options -EI, -EI4

Performance Factors

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-4000L	1.000	36.2	1.000
-3000L	0.800	28.1	1.078
-2000L	0.575	20.1	1.082
-1500L	0.409	14.0	1.115
-1000L	0.300	10.0	1.135

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

Dimensions



Surface Mount (Option -SM)

Photometry - Installed Complete Fixture

Photometry from I.T.L., Boulder, CO

LM-79 IESNA Certified Photometry from Independent Lab

-4000L-NFL Lumens: 3861 LPW: 107 Beam: ~26° SC: 0.43 ITL Test: 94087

Nominal Lumens	Actual Lumens	Actual LPW
4000L	3861	106.7
3000L	3089	109.9
2000L	2220	110.5
1500L	1579	112.8
1000L	1158	115.8

-4000L-MFL Lumens: 3931 LPW: 109 Beam: ~36° SC: 0.55 ITL Test: 94088

Nominal Lumens	Actual Lumens	Actual LPW
4000L	3931	108.6
3000L	3145	111.9
2000L	2260	112.5
1500L	1608	114.8
1000L	1179	117.9

-4000L-WFL Lumens: 3786 LPW: 105 Beam: ~57° SC: 0.85 ITL Test: 94089

Nominal Lumens	Actual Lumens	Actual LPW
4000L	3786	104.6
3000L	3029	107.8
2000L	2177	108.3
1500L	1548	110.6
1000L	1136	113.6

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR FIVE YEARS FROM DATE OF PURCHASE. INSTALLED TO N.E.C. IN NORMAL USE. Manufacturer at the option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the office of manufacturer within the warranty period. Liability of manufacturer is limited to the foregoing and manufacturer shall not be liable for any other damages, direct or indirect, sustained or suffered by purchaser or any person. This warranty is applied 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. 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.

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

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

CHOICE SERIES
FEB 2023