

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Choice Series

Super Shallow 12" Cylinder • High Output • COB LED

60,000 Hours • 1% Dimming, 0-10V

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

LSC-12RSD



Specifications

Delivered System Performance

- Lumen Series: **Must Specify**
 - 4000L
 - 3000L
 - 2500L
 - 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 (L70)

Thermal Management System

- All aluminum heat sink 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

- Seamless white self-flanged aluminum
- Tempered clear microprismatic lens
- Molded reflector system
- Option -DA for diffuse acrylic lens
- Option -WA for white acrylic lens
- Option -13 for clear polycarbonate overlay
- Option -26 for 0.220" polycarbonate lens and vandal resistant hardware

Aluminum Housing

- Seamless white acrylic enameled finish
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test
- Water-tight construction with weatherproof closed cell top gasket for wet location use
- No visible cylinder hardware
- Cool operation: Extends life of all components
- Fully sustainable: Entire luminaire is modular, easily visible, and serviced through aperture
- See Options for additional finishes and mounts

Installation

- Direct mount to any J-box pattern
- Indoor or outdoor
- Option -PM for pendant mount

Quick Ship Eligible

- Eligible for Quick Ship of 2 weeks or less
 - Quantity requirements: 10 - 100 pieces
- Requires choosing options in **red** on the next page and including the -QS option code

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

- Wet listed in surface or pendant mount
- FCC Part 15 certified for EMI/RFI emissions

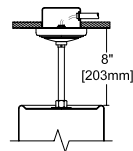
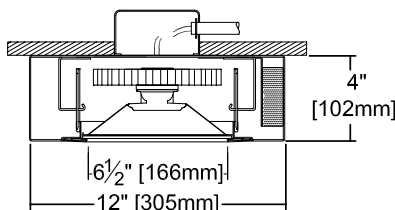
FIVE YEAR Limited Warranty

- Complete standard fixture

Declare.



Dimensions



Representative View:

With optional pendant mount (Option -PM)

Available Source Options

See page 2 for ordering configurations

SW

Static White
5 CCTs Available

TW

Tunable White

WD

Warm Dimming

Static White Options and Ordering Configuration

(Example: LSC-12RSD-4000L-NFL-30K-UNV-EI-35)

 **Red text = Quick Ship Eligible**

Must Specify					Optional				
Model	Lumens	Beam	CCT & CRI	Volts	Driver Options	Emergency Options	Housing/Trim	Mounting Options	Other Options
LSC-12RSD									
	-4000L -3000L† -2500L -2000L -1500L -1000L	-SPT -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 (-2500L or below) **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 mount -D6: Triac/ELV dim; 120 volt only -ECO: For use with Lutron EcoSystem controls; 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 lumens up to -4000L; CEC Compliant; 90+ minutes; N/A for Options -FS -EM: Internal emergency battery pack; Delivers 700 lumens; CEC Compliant; 90+ minutes -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes; N/A with pendant mount	(Blank): Standard white enamel Housing Finishes -35: Silver enamel finish -37: Dark bronze enamel finish -38: Black enamel finish -94: Custom color/finish; specify; consult factory Trim Features -26: Vandal resistant trim, lensing, and center pin flat head screws; 1 key/10 fixtures -46: Gasket between lens and trim	(Blank): Standard surface mount -80: 2" surface collar for exposed conduit -87: Custom length pendant; for -PM -88: Swivel canopy for sloped ceilings to 40°; with -PM -PM: Pendant stem; 8" stem or see -87	(Blank): None Lens Options (Blank): Standard tempered microprismatic lens -13: Clear polycarbonate beneath diffusing lens -CF: Custom color filter (Rosco); specify -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 -QS: Quick Ship; Options must be only red items; Quantities of 10-100
† Note: Consult factory for DLC listing					‡ For 2 SDCM, consult factory				

Dynamic White Options and Ordering Configuration

(Example: LSC-12RSD-1000L-NFL-6527-UNV-TW-EI-35)

Must Specify					Optional				
Model	Lumens	Beam	CCT & CRI	Volts	Driver Options	Emergency Options	Housing/Trim	Mounting Options	Other Options
LSC-12RSD									
	-2000L -1500L -1000L	-NFL -MFL -WFL	-6527: 6500°K - 2700°K range, 90+ CRI -4018: 4000°K - 1800°K range, 90+ CRI -3518: 3500°K - 1800°K range, 90+ CRI -3018: 3000°K - 1800°K range, 90+ CRI -2718: 2700°K - 1800°K range, 90+ CRI	-UNV	-TW: Dual 0-10V Tunable White control with 0.1% dimming -TW7: DALI dual drive 0.1% tunable white dimming driver instead -TW8: DALI DT8 dual drive 0.1% tunable white dimming driver instead -WD: Warm Dimming 0-10V control with 0.1% dimming; N/A for Option -6527 -WD7: DALI 0.1% warm dimming driver instead; N/A for Option -6527	(Blank): None -EI: Remote inverter for 100% rated lumen output; 90+ minutes; N/A for Options -FS -EM: Internal emergency battery pack; Delivers 700 lumens; CEC Compliant; 90+ minutes -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes; N/A with pendant mount	(Blank): Standard white enamel Housing Finishes -35: Silver enamel finish -37: Dark bronze enamel finish -38: Black enamel finish -94: Custom color/finish; specify; consult factory Trim Features -26: Vandal resistant trim, lensing, and center pin flat head screws; 1 key/10 fixtures -46: Gasket between lens and trim	(Blank): Standard surface mount -80: 2" surface collar for exposed conduit -87: Custom length pendant; for -PM -88: Swivel canopy for sloped ceilings to 40°; with -PM -PM: Pendant stem; 8" stem or see -87	(Blank): None Lens Options (Blank): Standard tempered microprismatic lens -13: Clear polycarbonate beneath diffusing lens -CF: Custom color filter (Rosco); specify -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 Option -EI

Performance Factors - Static White

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-4000L	1.00	38.9	1.00
-3000L	0.75	27.5	1.06
-2500L	0.67	24.7	1.06
-2000L	0.57	20.3	1.09
-1500L	0.42	14.4	1.13
-1000L	0.30	10.7	1.09

* See notes on page 2 for additional info on Lumen Factors

Performance Factors - Tunable White

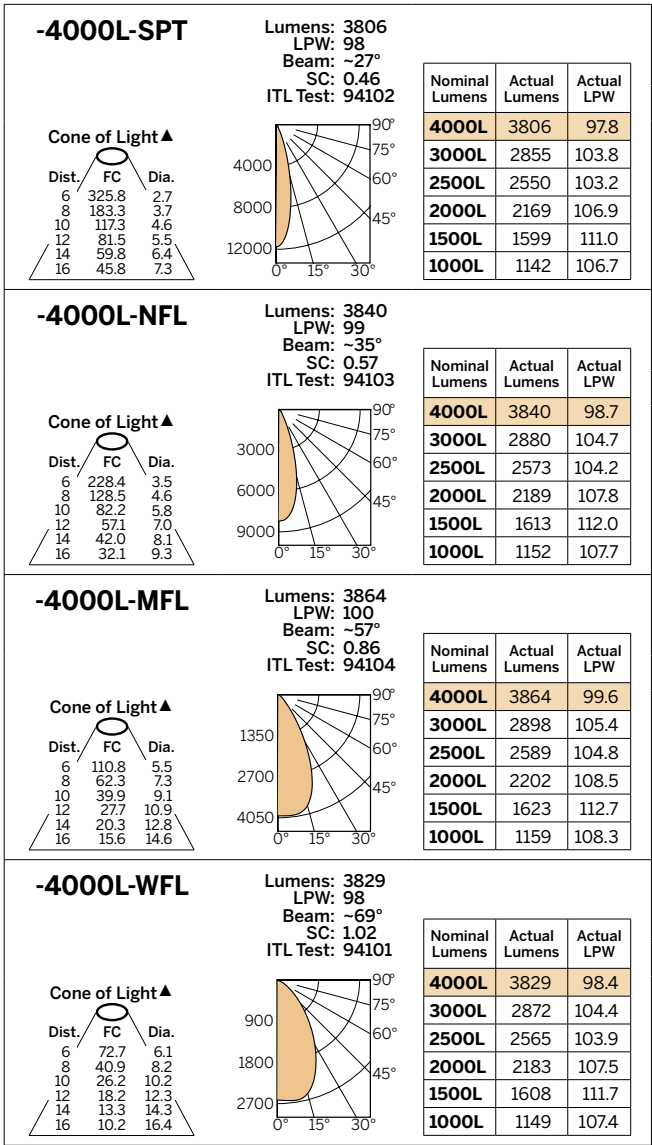
Lumen factors are based on comparable Static White light output.

NOMINAL LUMENS	6500K LUMEN FACTOR	2700K LUMEN FACTOR	NOMINAL WATTS
-2000L	0.65	0.52	20.8
-1500L	0.65	0.52	14.9
-1000L	0.65	0.52	11.4

Photometry - Static White - Installed Complete Fixture

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

LM-79 IESNA Certified Photometry from Independent Lab



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: KIRLIN LIGHTING FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR FIVE YEARS FROM DATE OF PURCHASE. INSTALLATION TO N.E.C. IS NOT 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 two years of original shipment. Liability of manufacturer shall not be liable for any other damages, direct or indirect, sustained or suffered by purchase 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.

CHOICE SERIES
April 2025