

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Choice Series

Classic "K-Lens" 10" Downlight • COB LED

50,000+ Hours • High Output • 1.0% Dimming, 0-10V
2 or 3 Step Binning • Wet Listed • LM-80 and LM-79 Certified

Specifications

Delivered System Performance

• Lumen Series: **Must Specify**

Type IC	Non-IC
-4000L	-7000L
-3000L	-6000L
-2500L	-5000L
-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, 50,000 in insulation (L70)

Thermal Management System

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

LED Driver - INTERNAL

- Indoor/Outdoor: -30°C to 60°C (-22°F to 140°F)
- 0-10V CCR 1.0% dimming standard
- Voltage Options: **Must Specify**
-120: -120V (50-60Hz); load insensitive
-277: -277V (50-60Hz); load insensitive

Trim Assembly/Optics

- Shock-resisting UV absorbing prismatic convex frosted Kirlin lens; see Options for others
- Rustfree polished nickel stainless door (304-L) with concealed hinges & captive thumb screw
- Beveled cast aluminum frame with white finish

Acrylic Enameled Aluminum Housing

- Rustproof: exceeds 1000 hour ASTM 5% salt spray test; all components fully sustainable
- Shallow depth fits restricted plenums
- Cool operation extends component life
- Modular design; visible and fully serviceable through aperture

Outlet Box (Galvanized)

- UL Listed, 14GA, insulated, removable cover
- ½" and ¾" knockouts
- Up to 4 #12 AWG through-branch conductors

Installation & Hardware

- Indoor/outdoor in ceilings up to 1½" thick
- Compatible with fire rated enclosures (by others)

LRC-10KLD

Trim



-SKL

Lens Options



See below:

-13, -17
-23, -WA

- 27" hanger bars & adjusting brackets (2) supplied

UL, C-UL (Canada) & FCC Compliance

- UL Listed: wet, damp or dry locations, covered ceilings
- Type IC up to -4000L; Non-IC for -5000L+
- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty

- Complete standard fixture

Options and Ordering Configuration

(Example: LRC-10KLD-7000L-120-SKL-WFL-41K-ERH-WA-FS)

Declare.



Made in the USA
BABAA Compliant



FCC Part 15
Certified



UL Listed
Wet, Damp, Dry

Must Specify						Optional			
Model	Lumens	Volts	Trim	Beam	CCT [†] & CRI	Driver Options	Emergency Options	Lens & Trim Options	Other Options
LRC-10KLD									
	Non-IC	-120	-SKL	-WFL	80+ CRI*	(Blank): Standard 0-10V CCR 1.0% dim	(Blank): None	(Blank): Standard white aluminum frame with convex glass K-lens	(Blank): None
	-7000L	-277			-27K: 2700°K	-D2: 0-10V 0.1% dim	-E1: Remote emergency inverter for 100% rated lumens up to -3000L; 90+ minutes; N/A for options -FS	Trim Finishes	Mounting
	-6000L				-30K: 3000°K	-D3: DALI 1.0% dim	-E2: Remote emergency inverter for 100% rated lumens up to -4000L; CEC Compliant; 90+ minutes; N/A for options -FS	-35T: Silver enamel frame	-RH: Joist mounting hardware instead
	-5000L				-35K: 3500°K	-D4: DALI 100-0.1% dim	-E3: Remote emergency inverter for 100% rated lumens up to -5000L; 90+ minutes; N/A for options -FS	-37T: Dark bronze enamel frame	Other Options *
	Type IC				-40K: 4000°K	-D5: DMX512A 0.1% dim; -4000L max	-E4: Remote emergency inverter for 100% rated lumens up to -5000L; 90+ minutes; N/A for options -FS	-38T: Black enamel frame	-99: Special modification; consult factory
	-4000L				-50K: 5000°K	-D6: Triac/ELV dim; 120 volt only; -4000L max	-E5: Remote emergency inverter for 100% rated lumens up to -5000L; 90+ minutes; N/A for options -FS	-94: Custom color; consult factory	-AWN: Athena Wireless Node; N/A for Dimming Options D5, D6, ECO
	-3000L				*Note: Lumen Factor = 0.93 for -27K	-ECO: Lutron EcoSys; Dim-to-black; -4000L max	-E6: Remote emergency inverter for 100% rated lumens up to -5000L; 90+ minutes; N/A for options -FS	Other Trim Features	-FS: Fused primary; One per fixture; N/A for Options -E1, -E14, -E15
	-2500L				90+ CRI**		-EM: Internal emergency battery pack; Delivers 700 lumens; CEC Compliant; 90+ minutes; -5000L and below only	-26: Tamper resistant center pin button head screw; 1 key/10 fixtures	*Note: For other integrated control solutions, such as nLight, contact factory
	-2000L				-27K-HC: 2700°K		-ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes	-27: White trim extender; specify OD	
	-1500L				-30K-HC: 3000°K			-45: Gasket between trim & ceiling	
	-1000L				-35K-HC: 3500°K			-46: Gasket between lens & trim	
					-40K-HC: 4000°K			Flat Lens Options	
					-50K-HC: 5000°K (N/A for -3000L)			-13: Clear polycarbonate beneath prismatic acrylic lens instead	
					**Note: Lumen Factor = 0.79 for -27K-HC; All Others = 0.85			-17: Prismatic high strength acrylic lens instead	
								-23: Frosted microprismatic lens instead	
								-WA: White acrylic lens instead	

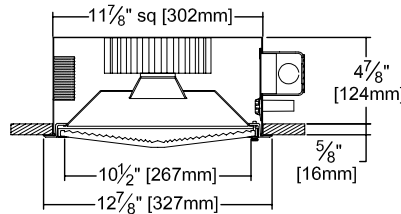
† For 2 SDCM, consult factory

Performance Factors

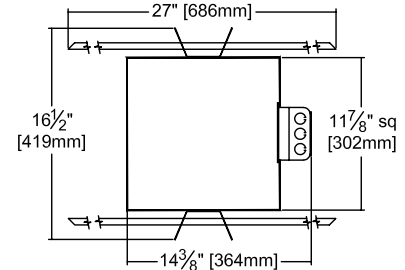
NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-7000L	1.37	80.2	0.92
-6000L	1.22	69.1	0.95
-5000L	1.00	54.4	1.00
-4000L	0.74	36.7	1.09
-3000L	0.55	27.5	1.09
-2500L	0.49	24.7	1.08
-2000L	0.42	20.3	1.12
-1500L	0.31	14.4	1.16
-1000L	0.23	10.7	1.14

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

Dimensions



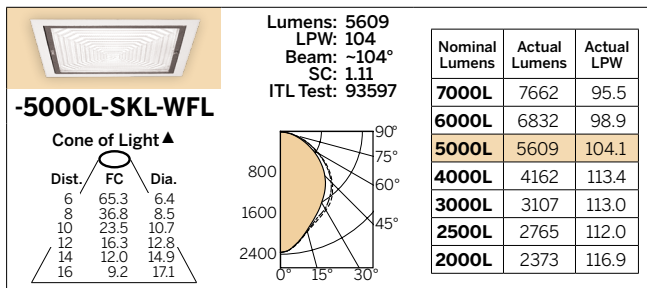
Ceiling Cut-Out
12 1/4" Sq. (-SKL)



Photometry - 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