

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Choice Series

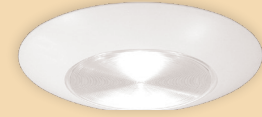
"Dead Front" 5" Shower Light • COB LED

50,000+ Hours • Type IC • 1.0% Dimming, 0-10V

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

LRC-05DFS

Trim Options



-SHR

Specifications

Delivered System Performance

• Lumen Series: **Must Specify**

Type IC

-2500L

-2000L

-1500L

-1200L

-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

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**
- UNV: -120-277/50-60Hz; load insensitive
- 120: -120V input (50-60Hz); for -D6 only

Trim Assembly/Optics

- Electrically non-conducting "dead front" design
- Rustproof; gasketed
- White polycarbonate trim with radial clear polycarbonate lens

Acrylic Enameled Aluminum Housing

- Rustproof: exceeds 1000 hour ASTM 5% salt spray test; all components fully sustainable
- Shallow depth for restricted plenums
- Cool operation extends component life
- 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)
- 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 -2500L
- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty

- Complete standard fixture



Made in the USA



FCC Part 15 Certified



UL Listed Wet, Damp, Dry

Options and Ordering Configuration

(Example: LRC-05DFS-2500L-UNV-SHR-MFL-30K-32-79)

Must Specify						Optional			
Model	Lumens	Volts	Trim	Beam	CCT† & CRI	Driver Options	Emergency Options	Trim Options	Other Options
LRC-05DFS									
	Type IC	-UNV	-SHR	-MFL	80+ CRI*	(Blank): Standard 0-10V CCR 1.0% dim	(Blank): None	(Blank): White polycarbonate trim with clear radial lens standard	(Blank): None
	-2500L	-120			-27K: 2700°K	-D2: 0-10V 0.1% dim	-EI: Remote emergency inverter for 100% rated lumen output; N/A for Option -FS	-32: White trim extender; specify OD	(Blank): None
	-2000L				-30K: 3000°K	-D3: DALI 1.0% dim	-ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes		Mounting
	-1500L				-35K: 3500°K	-D4: DALI 100-0.1% dim			-79: Extension collar; ceilings up to 2" thick
	-1200L				-40K: 4000°K	-D5: DMX512A 0.1% dim			-RH: Joist mounting hardware instead
	-1000L				-50K: 5000°K	-D6: Triac/ELV dim - 120 volt only			Other Options
					*Note: Lumen Factor = 0.93 for -27K	-ECO: Lutron EcoSys; Dim-to-black			-99: Special modification; consult factory
					90+ CRI**				-AT: Air Tight version; Meets ASTM E283 airflow restriction of 2CFM max
					-27K-HC: 2700°K				-FS: Fused primary; One per fixture; N/A for Option -EI
					-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				

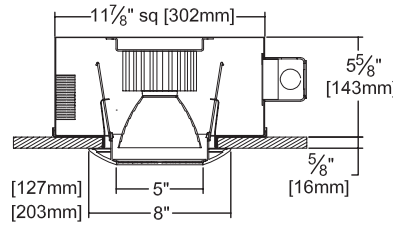
† For 2 SDCM, consult factory

Performance Factors

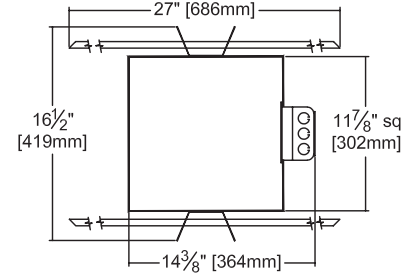
NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-2500L	1.13	27.5	0.99
-2000L	1.00	24.7	1.00
-1500L	0.86	20.3	1.02
-1200L	0.63	14.4	1.05
-1000L	0.46	10.7	1.04

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

Dimensions




Ceiling Cut-Out
6 1/2" Dia.



Photometry - Installed Complete Fixture

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

LM-79 IESNA Certified Photometry from Independent Lab



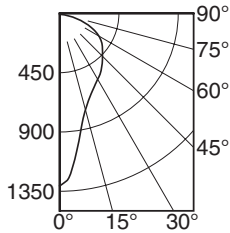
-2000L-SHR-MFL

Lumens: 2129
LPW: 88
Beam: ~43°
SC: 0.58
ITL Test: 94086

Nominal Lumens	Actual Lumens	Actual LPW
2500L	2397	87.2
2000L	2129	88.0
1500L	1830	90.1
1200L	1332	92.5
1000L	975	91.1

Cone of Light ▲

Dist.	FC	Dia.
6	36.2	3.5
8	20.3	4.6
10	13.0	5.8
12	9.0	6.9
14	6.6	8.1
16	5.1	9.2



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: CATALOGUED 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 years of original shipment. 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 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.