

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Choice Series

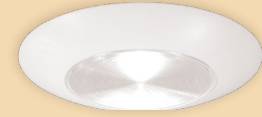
"Dead Front" 5" Shower Light • COB LED

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 -29 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 -29 or -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; 90+ minutes (CEC Compliant)		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**	-29: Lutron 2-wire PWM dim - 120 volt only			-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				

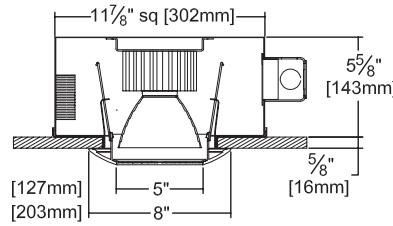
[†] For 2 SDCM, consult factory

Performance Factors

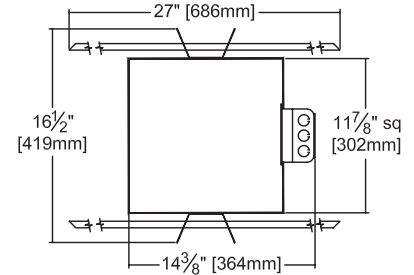
NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-2500L	1.13	27.5	0.99
-2000L	1.00	24.7	1.00
-1500L	0.86	20.3	1.02
-1200L	0.63	14.4	1.05
-1000L	0.46	10.7	1.04

* 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



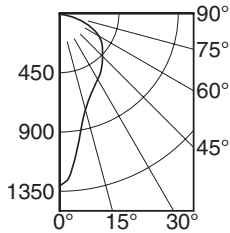
-2000L-SHR-MFL

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