

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

# Choice Series

## IP66 Rated 6" Downlight • 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

### Specifications

#### Delivered System Performance

• Nominal Lumens: **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

#### 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

- Smooth tapered self-flanged cast aluminum trim (-RWF is field paintable)
- **-RBN:** Brushed Nickel finish instead

- Diffuse acrylic lens above. 125" clear polycarbonate; also see Option -WA

#### IP66 Sealed & Gasketed Trim

- Liquid silicone seals between trim and lens
- Closed cell flange gasket seals trim to ceiling
- U-channel gasket seals trim to housing
- O-rings seal stainless fasteners to trim
- Meets ASTM E283 restricted airflow of 2CFM

#### Acrylic Enamelled 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

# LRC-06IPD

### Trim Options



**-RWF**



**-RBN**  
(Brushed Nickel Finish)

#### 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 -4000L; Non-IC for -5000L+
- FCC Part 15 certified for EMI/RFI emissions

#### FIVE YEAR Limited Warranty

- Complete standard fixture

Made in the USA	Nataorium Rated	NSF Certified	IP66	BioGard™ See Option -BG	ISO 5/Class 100 See Option -SH	FCC Part 15 Certified	UL Listed Wet, Damp, Dry

## Options and Ordering Configuration

(Example: LRC-06IPD-3000L-120-RWF-MFL-30K-BG-FS)

Must Specify						Optional			
Model	Lumens	Volts	Trim	Beam	CCT† & CRI	Driver Options	Emergency Options	Trim Options	Other Options
LRC-06IPD									
	<b>Non-IC</b>	<b>-120</b>	<b>-RWF</b>	<b>-NFL</b>	<b>80+ CRI*</b>	<b>(Blank):</b> Standard 0-10V CCR 1.0% dim	<b>(Blank):</b> None	<b>(Blank):</b> Standard trim finish; see photos above	<b>(Blank):</b> None
	-7000L	-277	-RBN	-MFL	-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	<b>Trim Finishes (-RWF Only)</b>	<b>Mounting</b>
	-6000L			-WFL	-30K: 3000°K	-D3: DALI 1.0% dim	-E14: Remote emergency inverter for 100% rated lumens up to -4000L; CEC Compliant; 90+ minutes; N/A for options -FS	-35T: Silver enamel trim	-78: Concrete pour housing with 2" collar
	-5000L				-35K: 3500°K	-D4: DALI 100-0.1% dim	-E15: Remote emergency inverter for 100% rated lumens up to -5000L; 90+ minutes; N/A for options -FS	-37T: Dark bronze enamel trim	-79: Extension collar for ceilings up to 2" thick
	<b>Type IC</b>				-40K: 4000°K	-D5: DMX512A 0.1% dim; -4000L max	-EM: Internal emergency battery pack; Delivers 700 lumens; CEC Compliant; 90+ minutes	-38T: Black enamel trim	<b>Other Options</b>
	-4000L				-50K: 5000°K	-D6: Triac/ELV dim - 120 volt only	-ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes	-94: Custom color; consult factory	<b>-99:</b> Special modification; consult factory
	-3000L				<b>*Note:</b> Lumen Factor = 0.93 for -27K	-ECO: Lutron EcoSys; Dim-to-black; -4000L max		-BG: BioGard™ anti-microbial white	<b>-FS:</b> Fused primary; One per fixture; N/A for Options -E1, -E14, -E15
	-2500L				<b>90+ CRI**</b>			<b>Other Trim Features</b>	<b>-SH:</b> Cleanroom rated ISO 5 Class 100 luminaire; Sealed housing, J-Box, trim assembly
	-2000L				-27K-HC: 2700°K			-CF: Custom color filter (Rosco); Specify	
	-1500L				-30K-HC: 3000°K			-WA: White acrylic (flat) diffuser instead; with -WFL beam only	
	-1000L				-35K-HC: 3500°K				
					-40K-HC: 4000°K				
					-50K-HC: 5000°K (N/A for -3000L)				
					<b>**Note:</b> Lumen Factor = 0.79 for -27K-HC; All Others = 0.85				

† For 2 SDCM, consult factory

