

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Choice Series

Super Shallow 4" Downlight • COB LED

2¾" Housing Depth • 50,000+ Hours • Type IC • 1.0% Dimming
2 or 3 Step Binning • Wet Listed • LM-80 and LM-79 Certified

Specifications

Delivered System Performance

- Lumen Series: **Must Specify**

Type IC

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

Trim Assembly

- White self-flanged regressed trim with microprismatic lens (-RND/-SQR)
- Brushed nickel flat trim with frosted microprismatic lens (-FTR)
- Brushed nickel "Porthole" trim (-PTR)
- Optional colors and finishes available

Acrylic Enameled Aluminum Housing

- Rustproof: exceeds 1000 hour ASTM 5% salt spray test; all components fully sustainable
- Shallow depth for restricted plenums; Dynamic White options increase depth to 4¾"
- 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)
- 27" hanger bars & adjusting brackets (2) supplied

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

LRC-04SDN

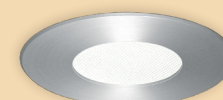
Trim Options



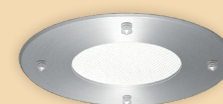
-RND



-SQR



-FTR



-PTR

UL, C-UL (Canada) & FCC Compliance

- UL Listed: wet, damp or dry locations, covered ceilings
- Type IC up to -3000L
- FCC Part 15 certified for EMI/RFI emissions

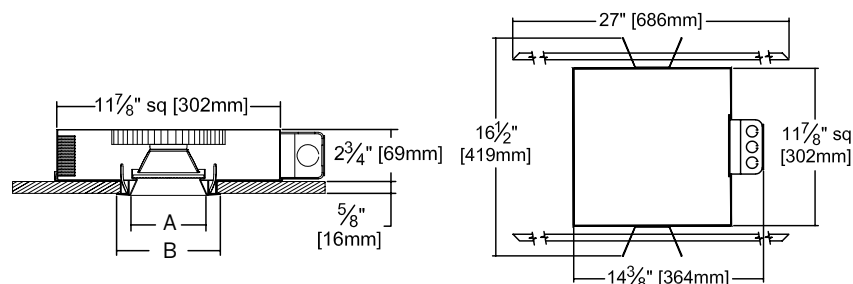
FIVE YEAR Limited Warranty

- Complete standard fixture

Declare.



Dimensions



Trim Style	Ceiling Cut-Out	Dimension A	Dimension B
-RND	5" Dia.	4"	5½"
-FTR, -PTR	5" Dia.	3½"	6¾"
-SQR	5¼" Sq.	4½"	5¾"

Available Source Options

See page 2 for ordering configurations

SW

Static White
5 CCTs Available

TW

Tunable White

WD

Warm Dimming

Dynamic White options increase housing depth to 4¾"

Static White Options and Ordering Configuration

 **Red text = Quick Ship Eligible**

(Example: LRC-04SDN-3000L-UNV-RND-NFL-30K-46)

Must Specify						Optional			
Model	Lumens	Volts	Trim	Beam	CCT† & CRI	Driver Options	Emergency Options	Trim Options	Other Options
LRC-04SDN									
	Type IC	-UNV	-RND	-RND & -SQR	80+ CRI*	(Blank): Standard 0-10V CCR 1.0% dim	(Blank): None	(Blank): Standard trim; see photos	(Blank): None
	-3000L	-120	-SQR	-NFL	-27K: 2700°K	Consult Factory:	-EI: Remote emergency inverter for 100% rated lumens up to -3000L; 90+ minutes; N/A for options -FS	Trim Finishes	Mounting
	-2500L		-FTR	-MFL	-30K: 3000°K	-D2: 0-10V 0.1% dim	-E14: Remote emergency inverter for 100% rated lumens up to -4000L; CEC Compliant; 90+ minutes; N/A for options -FS	-30T: White enamel trim (standard for -RND and -SQR trims)	-79: Extension collar; ceilings up to 2" thick
	-2000L		-PTR	-WFL	-35K: 3500°K	-D3: DALI 1.0% dim		-35T: Silver enamel trim	Other Options
	-1500L			-FTR & -PTR	-40K: 4000°K	-D4: DALI 100-0.1% dim		-37T: Dark bronze enamel trim	-99: Special modification; consult factory
	-1000L			-MFL	-50K: 5000°K	-D5: DMX512A 0.1% dim		-38T: Black enamel trim	-FS: Fused primary; One per fixture; N/A for Options -EI, -E14
				-WFL	*Note: Lumen Factor = 0.93 for -27K	-D6: Triac/ELV dim - 120 volt only	-ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes	-BG: BioGard™ anti-microbial white	-NAT: Modified for natatorium use
					90+ CRI**	-ECO: Lutron EcoSys; Dim-to-black		-BKBG: BioGard anti-microbial black	-QS: Quick Ship; Options must be only red items; Quantities of 10-100
					-27K-HC: 2700°K			-94BG: BioGard anti-microbial custom color finish	
					-30K-HC: 3000°K			Other Trim Features	
					-35K-HC: 3500°K			-13: .125" clear poly. lens overlay	
					-40K-HC: 4000°K			-23: Frosted microprismatic lens (standard for -FTR & -PTR trims)	
					-50K-HC: 5000°K (-2500L or below)			-32: White trim extender, specify OD	
					**Note: Lumen Factor = 0.79 for -27K-HC; All Others = 0.85			-33: Decorative Glow Ring; see last page for details (-PTR trim only)	
								-45: Gasket between trim & ceiling	
								-46: Gasket between lens & trim	
								-CF: Custom color filter (Rosco); Specify	
								-DA: Diffuse acrylic lens	
								-DF: Electrically isolated trim	
								-WA: White acrylic lens	

† For 2 SDCM, consult factory

Dynamic White Options and Ordering Configuration

(Example: LRC-04SDN-1000L-UNV-RND-NFL-4018-WD-46)

Dynamic White options increase housing depth to 4³/₈"

Must Specify						Optional			
Model	Lumens	Volts	Trim	Beam	CCT & CRI	Driver Options	Emergency Options	Trim Options	Other Options
LRC-04SDN									
	Type IC	-UNV	-RND	-RND & -SQR	-6527: 6500°K - 2700°K range, 90+ CRI	-TW: Dual 0-10V Tunable White control with 0.1% dimming	(Blank): None	(Blank): Standard trim; see photos	(Blank): None
	-2000L		-SQR	-NFL		-TW7: DALI dual drive 0.1% tunable white dimming driver instead	-EI: Remote emergency inverter for 100% rated lumen output; 90+ minutes; N/A for options -FS	Trim Finishes	Mounting
	-1500L		-FTR	-MFL	-4018: 4000°K - 1800°K range, 90+ CRI	-TW8: DALI DT8 dual drive 0.1% tunable white dimming driver instead	-ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes	-30T: White enamel trim (standard for -RND and -SQR trims)	-79: Extension collar; ceilings up to 2" thick
	-1000L		-PTR	-WFL	-3518: 3500°K - 1800°K range, 90+ CRI	-WD: Warm Dimming 0-10V control with 0.1% dimming; N/A for Option -6527		-35T: Silver enamel trim	Other Options
				-FTR & -PTR	-3018: 3000°K - 1800°K range, 90+ CRI	-WD7: DALI 0.1% warm dimming driver instead; N/A for Option -6527		-37T: Dark bronze enamel trim	-99: Special modification; consult factory
				-MFL	-2718: 2700°K - 1800°K range, 90+ CRI			-38T: Black enamel trim	-FS: Fused primary; One per fixture; N/A for Option -EI
				-WFL				-BG: BioGard™ anti-microbial white	-NAT: Modified for natatorium use
								-BKBG: BioGard anti-microbial black	
								-94: Custom color; consult factory	
								-94BG: BioGard anti-microbial custom color finish	
								Other Trim Features	
								-13: .125" clear poly. lens overlay	
								-23: Frosted microprismatic lens (standard for -FTR & -PTR trims)	
								-32: White trim extender, specify OD	
								-33: Decorative Glow Ring; see last page for details (-PTR trim only)	
								-45: Gasket between trim & ceiling	
								-46: Gasket between lens & trim	
								-DA: Diffuse acrylic lens	
								-DF: Electrically isolated trim	
								-WA: White acrylic lens	

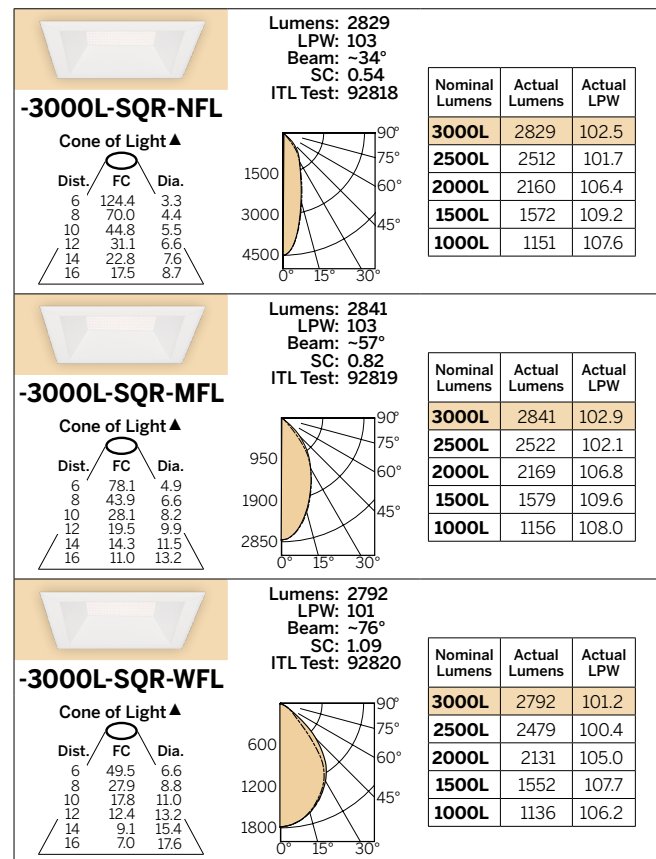
Performance Factors - Tunable White

LIMITED WARRANTY. CALSONIC, AIRLIN, INC. WARRANTS FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR FIVE YEARS FROM DATE OF PURCHASE. INSTALLED TO N.E.C. IN NORMAL USE. Manufacturer at its option will replace or repair such failure or defect at the purchase price on presentation of proof of purchase and effective date at the offices of manufacturer. 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 given by the manufacturer 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.

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 from I.T.L., Boulder, CO

LM-79 IESNA Certified Photometry from Independent Lab



▲ **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

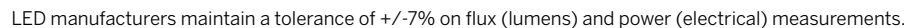
Performance Factors - Tunable White

LIMITED WARRANTY. CATALOSED, RULIN INK IS 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 this option will replace or repair such failure or defect at the purchase price on presentation of proof of purchase and defective nature at the office of manufacturer within five 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 shall apply only to the failure 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 future, improper installation or repair, or modification of the future without prior written authorization from the manufacturer will render the warranty void.

NOMINAL LUMENS	6500K LUMEN FACTOR	2700K LUMEN FACTOR	NOMINAL WATTS
-2000L	0.65	0.52	20.8
-1500L	0.65	0.52	14.9
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Photometry from I.T.L., Boulder, CO

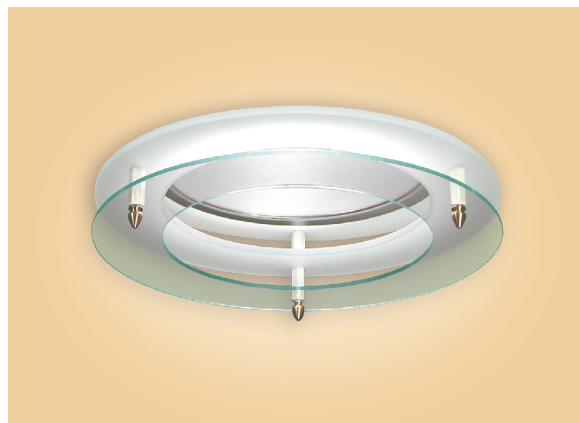
LM-79 IESNA Certified Photometry from Independent Lab

CHOICE SERIES
January 2025

Classic Glow Rings: Option -33 for Choice Series

To order a Kirlin Glow Ring, begin by adding -33 to the product number. Then, configure your Glow Ring by selecting each of the 7 design elements listed below:

(Example: LRC-04SDN-3000L-UNV-PTR-MFL-30K-33-GLM-1L-FRR-ROF-SIF-ROS-SIS)



1. Ring Material
(choose one)



Glass (-GLM)

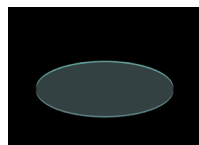


Acrylic (-ACM)

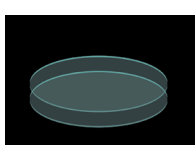


Custom (-CUM)

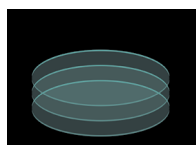
2. # of Rings
(choose one)



1 Ring (1L)



2 Rings (-2L)



3 Rings (-3L)

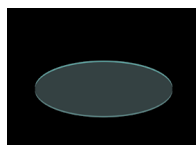
3. Ring Design
(choose one)



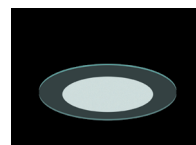
Frosted Ring (-FRR)



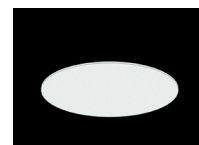
Clear Ring (-CRR)



Solid Disk (-SDR)

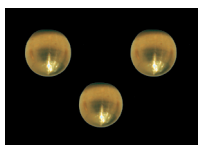


Frosted Center (-FCR)



Frosted Disk (-FDR)

4. Finial Design
(choose one)



Round (-ROF)



Knurled (-KNF)



Cone (-COF)

5. Finial Color
(choose one)



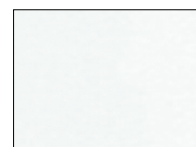
Brass (-BRF)



Silver (-SIF)



Black (-BLF)

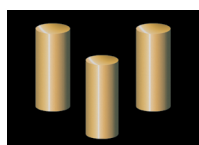


White (-WHF)

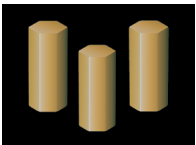


Custom (-CUF)

6. Standoff Design
(choose one)



Round (-ROS)



Hexagonal (-HOS)

7. Standoff Color
(choose one)



Brass (-BRS)



Silver (-SIS)



Black (-BLS)



White (-WHS)



Custom (-CFS)