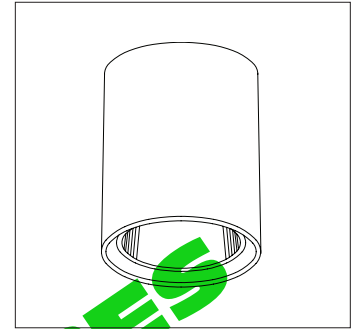


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

9" LED 2450 LUMENS 38 SYSTEM WATTS LSR-09350

Open Appearance LED Cylinder

50,000+ Hour Life (L70)
LM-80 Qualified • LM-79 Certified Photometry



Specifications

LED Light Engine*

- 38 watt LED array. 3500°K standard (or see Option -41K).
- 2450* lumens, 65 lumens per watt (total system).
- 81 CRI, 50,000+ hour life (L70).**
- Fully sustainable: removable for servicing.

Thermal Management System

- All-aluminum proprietary heat sink, components and housing maximize cool operation and long life while minimizing maintenance.

LED Power Supply

- Suitable for outdoor / indoor use: -30°C (-22°F) to 70°C (158°F).
- 120-277V / 50-60Hz standard. Load insensitive.
- 0-10 volt dimming standard.
- Kirlin remote SmartSupply™ driver instead (up to 6 luminaires). See Option -SS.

Trim

- High efficiency specular clear aluminum self-flanged reflector with tempered prismatic C#73 spread lens above.
- Optional colors and finishes available.

Aluminum Housing

- Seamless white acrylic enameled. Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Interlocking flare trim.
- No visible cylinder hardware.
- Cool operation: Extends life of all components.

- Fully sustainable: Entire luminaire, including LED light engine, easily visible and serviced through aperture.
- Lightweight: minimizes ceiling load.

Installation

- Center point mounting for snug fit to ceiling. Mounting hardware furnished.

- 2" collar for surface J-box mount. (See Option -80)
- Pendant or wall bracket mount available. (See Options -PM, -WB)
- Indoor or outdoor for covered ceiling use. Weather Cap available. See Option -89.

UL, C-UL (Canada) Listings

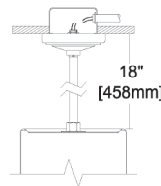
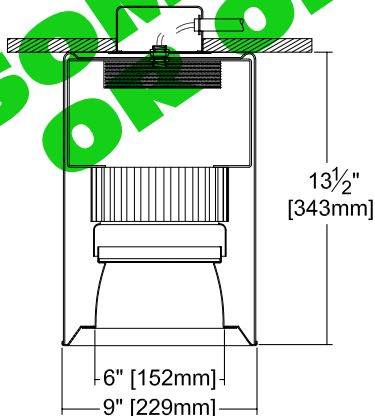
- Wet, damp or dry locations, covered ceilings. (See Option -89)

CE & FCC Compliance

- Certified to meet IES 60601-1-2 & EN 60601-1-2 electromagnetic compatibility standard for medical electrical equipment.
- FCC Part 15 certified for EMI/RFI emissions.

5 Year FIVE YEAR Limited Warranty
• Complete standard fixture.

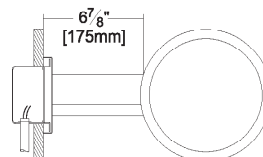
Performance at a Glance



Representative Views:

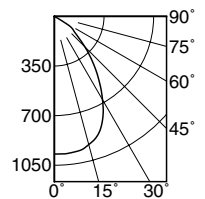
(Above) With optional pendant mount (Option -PM)

(Below) With optional wall bracket (Option -WB)



Exceptional Energy Efficiency

Lumens: 1441
Beam: ~75°
SC: 1.08
Effic: 58.7%
ITL Test: 68385



THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121 • www.kirlinlighting.com

* See note next page
** See note next page

MAX. LUMENS MAX. SYSTEM WATTS CATALOG NUMBER

LED LIGHTING 2450 38 LSR-09350

Detailed Photometry - Installed Fixture

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

Photometric testing done in accordance with IESNA LM-79-08

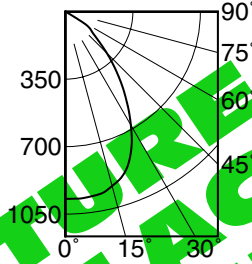
LSR-09350

Lumens: 1441
Beam: ~75°
SC: 1.08
Effic: 58.7%
ITL Test: 68385



Cone of Light ▲

Dist.	FC	Dia.
6	27.0	6.5
8	15.2	8.7
10	9.7	10.9
12	6.7	13.1
14	5.0	15.3
16	3.8	17.4



CANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	971	971	971	971	971
5	972	972	972	972	972
15	936	936	936	936	936
25	804	804	804	804	804
35	546	546	546	546	546
45	304	304	304	304	304
55	159	159	159	159	159
65	4	4	4	4	4
75	1	1	1	1	1
85	0	0	0	0	0
90	0	0	0	0	0

LM-80 Qualified • LM-79 Certified Photometry

* LED manufacturers maintain a tolerance of ±7% on flux (lumens) and power (electrical) measurements. Kirlin photometrics are actual test data from Independent Testing Laboratories (ITL).
** LED Operating Characteristics: 50,000+ hours at 70% lumen maintenance (L70).

▲ Cone of Light Key
Ft. Distance from fixture
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC
 Dia. (in ft.) shown is where FC value is half the FC at nadir.

Options

LED Power Supply

- 39 Specify "-39Lutron" for Full-Range 3 wire full range (0-100%) dimming power supply instead of standard 0-10V dimming.
- 98 347V 50 Hz. Instead. Consult factory.
- EI Remote emergency inverter for 100% rated lumen output. Run time: 90 minutes. Not for use with -SS SmartSupply™ driver.
- SS Remote mounted Kirlin SmartSupply™ driver, sold separately. Drives up to 6 fixtures at 38 watts each. Order LPS-1220A (0-10V analog dimming) or LPS-1220D (DMX dimming). See kirlinlighting.com or consult factory for more information.

Color Temperature (CCT)

- 41K Color temperature 4100°K. Consult factory.

Trims

- 30 All white acrylic enameled cone. (CP x .95)
- 31 White acrylic enameled cone flange.
- 53 Dark Bronze specular self-flanged cone. (CP x .65)
- 60 SofTex Dark Bronze self-flanged cone. (CP x .60)
- 63 Dune specular self-flanged cone. (CP x .85)
- 68 Matte black self-flanged cone. (CP x .60)
- 69 Wheat specular self-flanged cone. (CP x .85)
- 70 SofTex Clear self-flanged cone. (CP x .85)
- 71 SofTex Dune self-flanged cone. (CP x .80)
- 72 Black specular self-flanged cone. (CP x .55)
- 77 SofTex Pewter self-flanged cone. (CP x .75)
- 91 SofTex Wheat self-flanged cone. (CP x .80)
- 93 Pewter specular self-flanged cone. (CP x .80)
- 94 Custom color/finish. Specify. Consult factory.

Luminaire (Housing) Finishes

- 35 Natural aluminum acrylic enamel.
- 36 Gold acrylic enamel.
- 37 Dark Bronze acrylic enamel.
- 38 Black acrylic enamel.

- 94 Custom color/finish. Specify. Consult factory.

Mounting

- 54 Safety cable from fixture through pendant stem and 12" beyond. Use with -PM.
- 80 2" collar for mounting beneath surface outlet box. 1/2" T.S. KO's. Must add Option -89 for wet label listing.
- 87 Custom pendant / wall bracket / cable length. Specify length. Use with -PM, or -WB.
- 88 Swivel canopy for sloped ceilings up to 40°. Use with Option -PM.
- 89 Sealed top WeatherCap. Must add to Options -80, -PM and -WB for wet label listing.
- PM Pendant mount. 8" stem or see Option -87. Must add Option -89 for wet label listing.
- WB Wall bracket mount. Must add Option -89 for wet label listing.

Other

- 99 Special modification. Consult factory.

SUBMITTAL DATA

APPROVAL STAMP

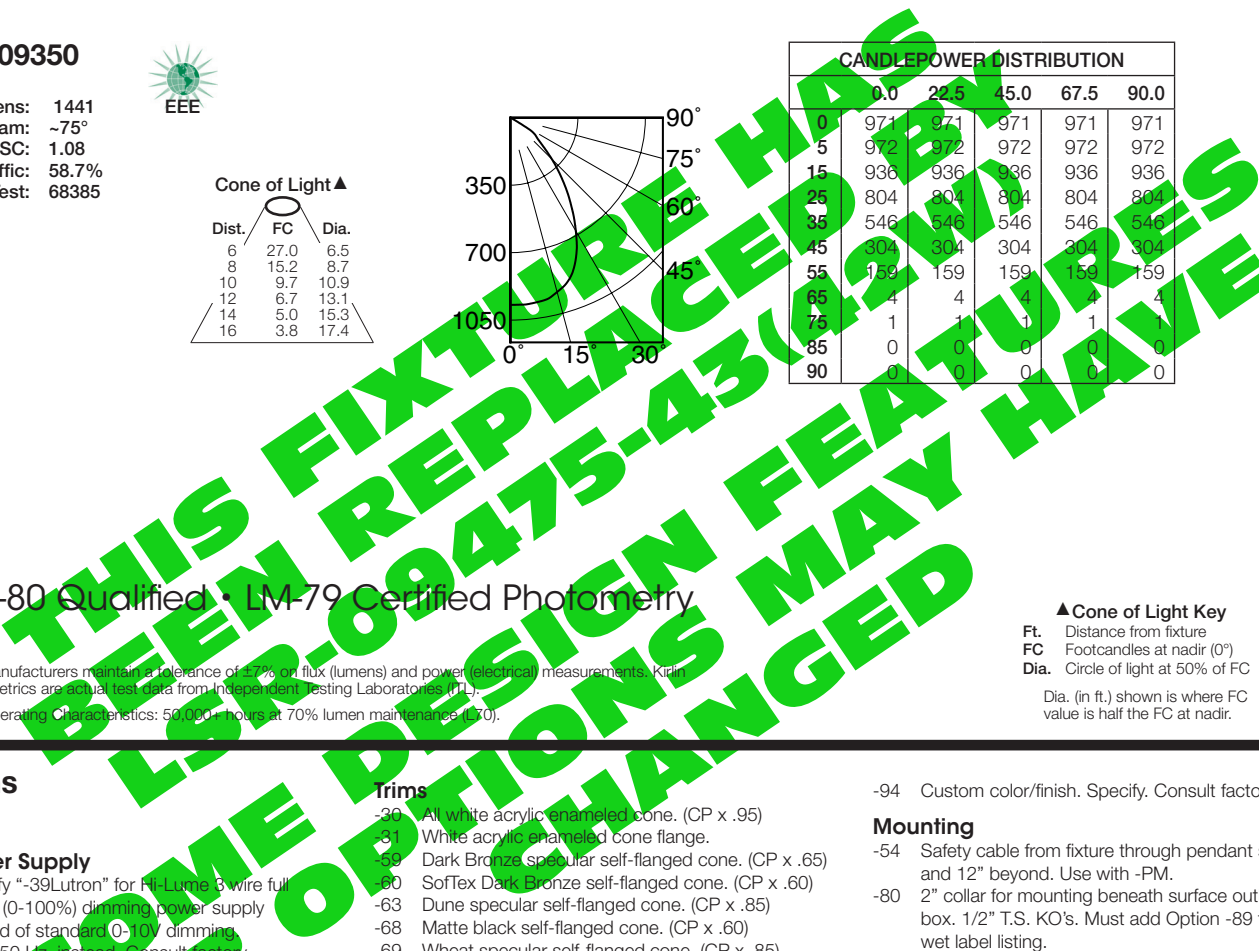
JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER



LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALL TO N.E.C. IN NORMAL USE. Manufacturer of the option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices of manufacturer within three 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 supplied 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.
 LED LIGHTING
 REV AUG 2012