

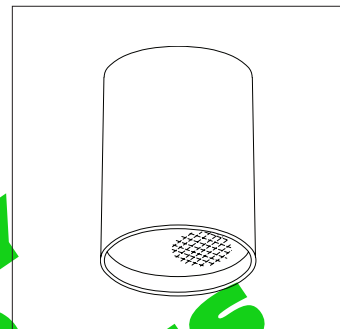
CATALOG #	TYPE
JOB NAME	WATTAGE VOLTAGE

9" LED 2450 LUMENS 38 SYSTEM WATTS LSR-09360

## Regressed Lens LED Cylinder • White Trim

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 / 60-60Hz standard. Load insensitive.
- 0-10 volt dimming standard.
- Kirlin remote SmartSupply™ driver instead (up to 6 luminaires). See Option -SS.

#### Trim Assembly

- Seamless tapered, white finish aluminum self-flanged trim with high efficiency specular reflector above.
- Regressed tempered prismatic C#79 lens.

#### 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. (See Option -89)

#### UL, CUL (Canada) Listings

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

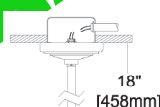
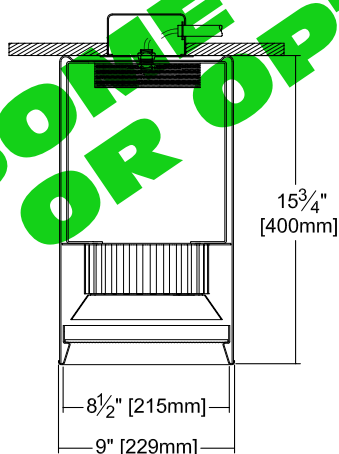
#### CE & FCC Compliance

- 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.

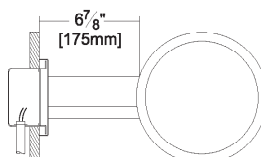
### Performance at a Glance



Representative Views:

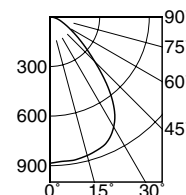
(Above) With optional pendant mount (Option -PM)

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



**Exceptional Energy Efficiency**

Lumens: 1744  
Beam: ~86°  
SC: 1.22  
Effic: 71.0%  
ITL Test: 68387



## 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

LED LIGHTING

MAX. LUMENS MAX. SYSTEM WATTS

2450 38

CATALOG NUMBER

LSR-09360

## Detailed Photometry - Installed Fixture

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

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

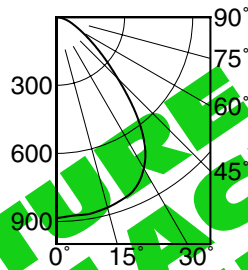
## LSR-09360

Lumens: 1744  
Beam: ~86°  
SC: 1.22  
Effic: 71.0%  
ITL Test: 68387



Cone of Light ▲

Dist.	FC	Dia.
6	24.6	7.6
8	13.8	10.1
10	8.9	12.6
12	6.1	15.2
14	4.5	17.7
16	3.5	20.2



CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	885	885	885	885	885
5	877	877	877	877	877
15	868	868	868	868	868
25	827	827	827	827	827
35	675	675	675	675	675
45	382	382	382	382	382
55	187	187	187	187	187
65	91	91	91	91	91
75	44	44	44	44	44
85	10	10	10	10	10
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 "-39Lutro" LED driver. 3 wire (0-100%) dimming power supply instead of standard 0-10V dimming.
- 98 347V 50W LED. Consult factory.
- EI Remote emergency battery. 100% rated lumen output. Runtime: 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](http://kirlinlighting.com) or consult factory for more information.

## Color Temperature (CCT)

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

## Trims

- 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