KIRLIN
Lighting Since 1895
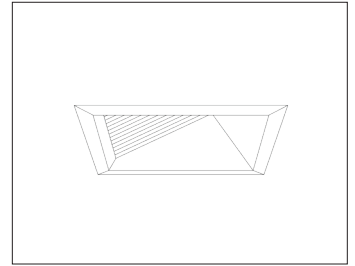
CATALOG #		TYPE
JOB NAME	WATTAGE	VOLTAGE

4"   4 LED   12 SYSTEM WATTS

LRS-04071

Lensed Wall Wash • LED • Type IC
50,000+ Hour Life • 82 CRI • Air Tight Optional

Specifications

LED Light Engine*
- 12 watt LED array. 3500°K standard (or see Options -30K or -41K).
- 450* lumens, 38 lumens per watt (total system).
- 82 CRI, 50,000+ hour life.**
- Fully sustainable: removable for servicing.
- Center beam optics positioned at 25°.

Thermal Management System
- All-aluminum proprietary heat sink, components and housing maximize luminaire's cool operation and long life while minimizing maintenance.

LED Power Supply
- Suitable for outdoor / indoor use: -30°C (-22°F) to 60°C (140°F).
- 120-277V / 50-60Hz standard. Load insensitive.

- Dimming available, see Option -39.
- Kirlin remote SmartSupply™ driver instead, see Option -SS.

Trim
- Specular clear aluminum self-flanged angle cut cone with frosted linear lens on top.
- Optional colors and finishes available.

Acrylic Enameled Aluminum Housing
- Rustproof and corrosion resistant: Exceeds 1000 hour ASTM 5% salt spray test.
- Shallow depth fits restricted plenums.
- Cool operation: Extends life of all components.
- Fully sustainable: Entire luminaire, including LED light engine, easily visible and serviced through aperture.
- Built-in plaster flange.
- Air Tight design available, see Option -AT.

Outlet Box
- UL listed J-box with insulated removable cover. Prewired 14 GA (NEC) with ½" and ¾" knockouts.
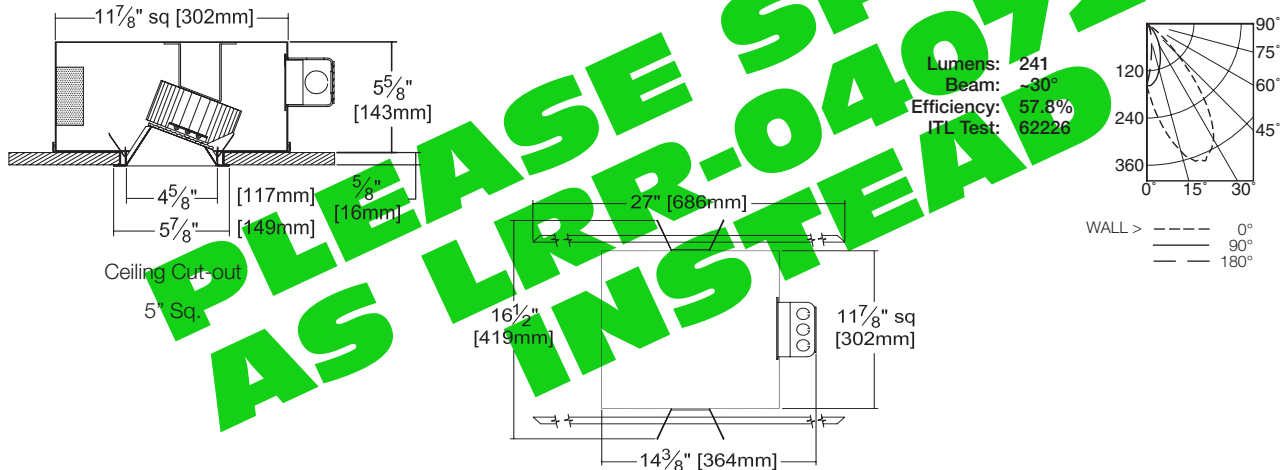
Installation
- Recess indoor or outdoor.
- Accommodates ceilings up to 1-1/8" thick.
- 27" galvanized hanger bars with adjustable mounting brackets (2) supplied.
- For residential mounting hardware for wood joist ceilings, see Option -RH.

UL, C-UL (Canada) Listings
- Wet locations.
- Type IC: for direct contact with insulation.
- Through-branch conductors (4 #12 AWG 90°C) for Type IC Listing.

5 Year
FIVE YEAR
Limited Warranty
- Complete standard fixture.

Performance at a Glance

11⅞" sq [302mm]
5⅝" [143mm]
4⅝" [117mm]
5⅞" [149mm]
⅝" [16mm]
Ceiling Cut-out
5" Sq.

27" [686mm]
16½" [419mm]
11⅞" sq [302mm]
14⅜" [364mm]

Lumens: 241
Beam: ~30°
Efficiency: 57.8%
ITL Test: 62226

90°
75°
60°
45°
120
240
360
0°   15°   30°

WALL >   0°
90°
180°

THE KIRLIN COMPANY

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LED LIGHTING
REV SEPT 2011

LED LIGHTING

SYSTEM WATTS
12

CATALOG NUMBER
LRS-04071

Detailed Photometry - Installed Fixture

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

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

LRS-04071

Lumens: 241
Beam: ~30°
Efficiency: 57.8%
ITL Test: 62226

THIS PRODUCT IS NO LONGER AVAILABLE

PLEASE SPECIFY LRK 04072-43 AS LISTED INSTEAD

	MULTIPLE FIXTURES
	4' CENTERS	3' CENTERS

ITL TEST #62226

* 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) where photometry was measured from 420 lumen light engines (within the established tolerance).

** LED Operating Characteristics: 50,000 hours at 70% lumen maintenance.

Options

LED Power Supply
-39 Dimmable power supply. 0-10V analog standard. Specify voltage. Consult factory for brand availability and pricing.
-97 Specify other voltage. Consult factory.
-SS Remote mounted Kirlin SmartSupply™ driver, sold separately. Drives up to 12 fixtures at 20 watts each. Order LPS-1220A (0-10V analog dimming) or LPS-1220D (DMX dimming). See kirlinlighting.com or consult factory for more information.

Trims
-30 All white acrylic enameled cone. (CP x .95)
-31 White acrylic enameled cone flange.
-32 White oversize trim ring. Specify O.D.
-45 Gasket between trim flange and ceiling.
-46 Gasket between trim and lens.
-59 Dark Bronze specular self-flanged cone. (CP x .80)
-60 SofTex Dark Bronze self-flanged cone. (CP x .75)
-63 Dune specular self-flanged cone. (CP x .93)
-68 Matte black self-flanged cone. (CP x .70)
-69 Wheat specular self-flanged cone. (CP x .92)
-70 SofTex Clear self-flanged cone. (CP x .93)
-71 SofTex Dune self-flanged cone. (CP x .89)
-72 Black specular self-flanged cone. (CP x .80)
-77 SofTex Pewter self-flanged cone. (CP x .85)
-91 SofTex Wheat self-flanged cone. (CP x .88)
-93 Pewter specular self-flanged cone. (CP x .88)
-94 Custom color/finish. Specify. Consult factory.

Filter
-AM Amber filter.
-DP Dichroic Peach filter.
-GE Green / Botanical filter.
-HX Hexcel louver.
-MB Medium Blue filter.
-PK Pink / Rose filter.
-XF Custom filter other than shown. Specify.

Other
-99 Special modification. Consult factory.
-AT Air tight version. Meets ASTM E283 restricted airflow of 2 CFM maximum.
-30K Color temperature 3000°K instead.
-41K Color temperature 4100°K. Consult factory.
-RH Residential mounting hardware instead. Suitable for wood joist ceilings with spacing from 14⅛" to 25⅞" with ⅝" vertical adjustability.

SUBMITTAL DATA

JOB NAME

TYPE

WATTAGE   VOLTAGE

CATALOG NUMBER

APPROVAL STAMP