

Type IC K-Lens Downlights for 150 and 200 Watt

Features

Lamp / Socket

- Designed for:
 - RS21148: 1 horizontal 150 watt (max.) A-21 inside frosted incandescent lamp (by others).
 - RS21249: 1 horizontal 200 watt (max.) A-23 inside frosted incandescent lamp (by others).
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

Reflector

- GlasSurfaced™ multi-faceted specular aluminum. Highly efficient.

Trim Assembly

- Tempered prismatic shock-resisting spread Kirlin lens. See Options for other lens / trim.
- Rustfree polished nickel stainless door (304-L) and captive thumb screw. Slender with concealed hinges for fast relamping.
- Attractively beveled cast aluminum frame tooled to ensure close fit with door. White acrylic finish.
- Tamper-proof vandal resistant door screw available. (Option -26) Also see -13 and -27.

Housing

- Acrylic enameled 100% aluminum.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.

- Cool: Dissipates heat across entire surface area.
- Entire luminaire visible and serviceable from below through hinged door.

Outlet Box

- Prewired 14GA (NEC) galvanized steel. UL listed. With removable insulated cover.
- 1/2" and 3/4" knockouts.

Installation

- 27" galvanized hanger bars supplied (2).
- Fully adjustable universal galvanized mounting brackets supplied (2). Accepts 3/4" or 1-1/4" lathers channel or 1/2" T.S. conduit.
- Recesses indoor or outdoor in covered ceilings. For wet plaster, see Option -47.

UL, C-UL (Canada) Listings

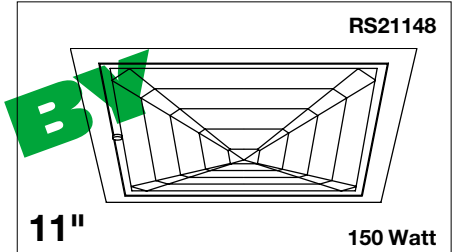
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12 AWG, 90°C).
- Type IC - Approved for direct contact with insulation.

Three Year Limited Warranty

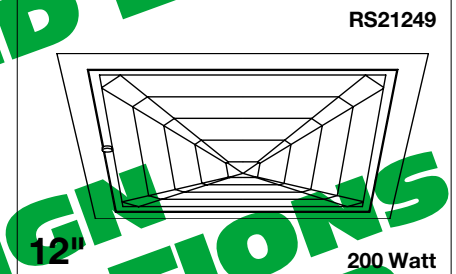
- Complete standard fixture.

Thermal Protection (Per Current NEC)

- Thermal protector included which provides automatic out-off if rated wattage is exceeded.

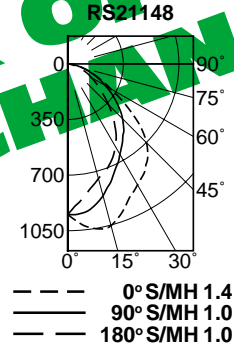
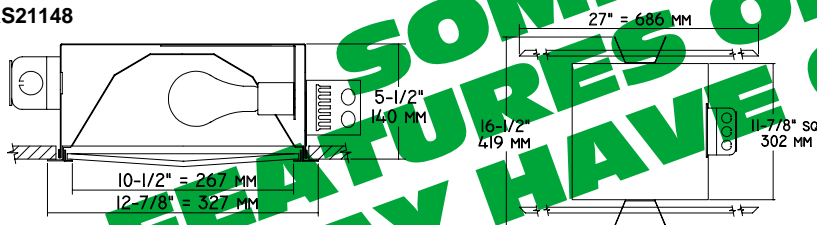


Floor to Ceiling Illumination High 68% and 70% Efficiencies Streamlined Housing Depths



Performance at a Glance

RS21148

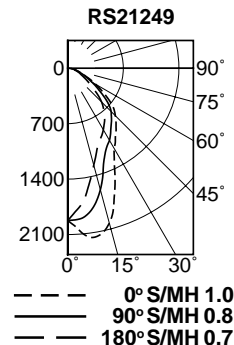
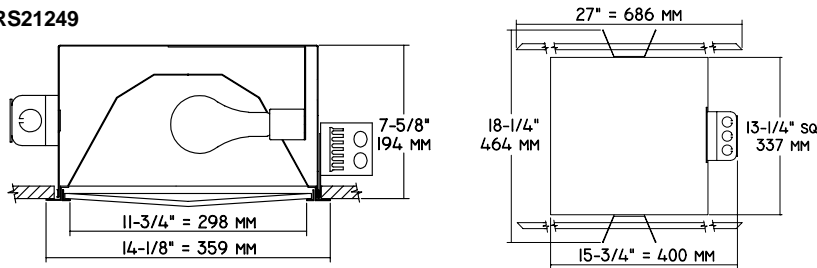


Cone of Light*

Ft.	FC	Dia.
6	26.3	6.4
8	14.8	8.6
10	9.5	10.7
12	6.6	12.8
14	4.8	15.0
16	3.7	17.1

Cone of Light Key
 Ft. Distance from fixture
 FC Footcandles (average)
 Dia. Circle of light at 50% of FC

RS21249



Cone of Light*

Ft.	FC	Dia.
6	53.4	4.9
8	30.0	6.6
10	19.2	8.2
12	13.3	9.9
14	9.8	11.5
16	7.5	13.1

* Dia. (in ft.) shown is where FC value is half the FC at nadir.

THE KIRLIN COMPANY

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

NEW MILLENNIUM

TUNGSTEN HALOGEN and INCANDESCENT LIGHTING

LAMP

A-21
A-23

MAXIMUM WATTAGE

150
200

CATALOG NUMBERS

RS21148
RS21249

THE KIRLIN COMPANY RESERVES THE RIGHT TO CHANGE, WITHOUT NOTICE, DETAILS OR SPECIFICATIONS IN PRODUCT DESIGN.

Detailed Photometry - Installed Fixture

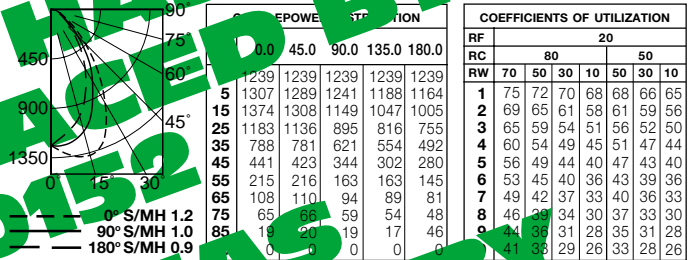
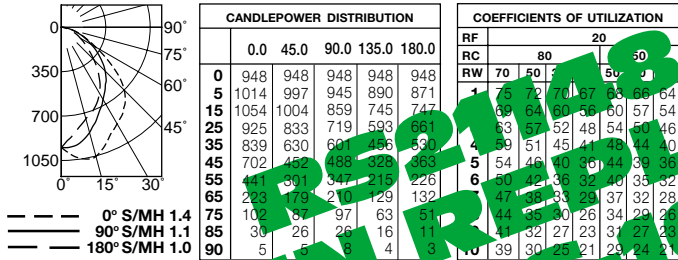
FROM I.T.L. (BOULDER, CO)

RS21148: TEST NUMBER 47029
RS21249: TEST NUMBER 47033

RS21148-15: TEST NUMBER 47028
RS21249-15: TEST NUMBER 47032

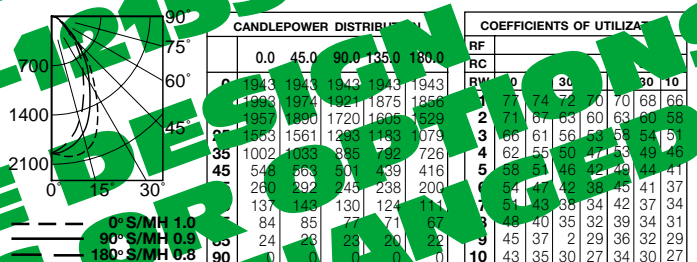
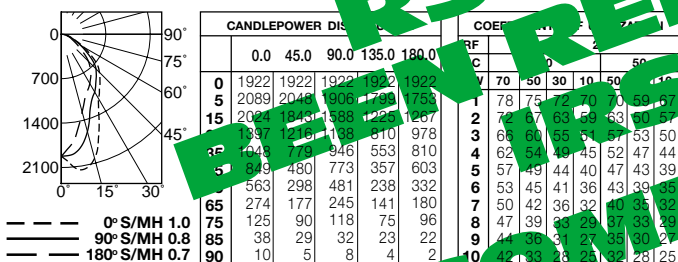
RS21148 150W Efficiency = 68.3%

RS21148-15 150W Efficiency = 78.1%



RS21249 200W Efficiency = 70.1%

RS21249-15 200W Efficiency = 78.1%



Options

- 13 Clear 1/8" flat polycarbonate beneath prismatic flat C#73 lens for vandal resistance. (RS21148 only)
- 14 Dropped Anopal glass. 1-1/4" deep. Not enameled.
- 15 Tempered prismatic flat C#73 lens instead.
- 18 Anopal flat glass. Not enameled. Diffusing.
- 20 White 1/2" cube eggcrate aluminum louver instead of lens.
- 26 Tamper-proof recessed hex, center pin, button door screw with key. One key per ten fixtures. Also see Options -13 and -27.
- 27 Clear 1/4" tempered glass beneath prismatic C#73 flat lens, for vandal resistance.
- 35 Silver enameled frame finish instead.
- 36 Gold enameled frame finish instead.
- 37 Dark Bronze enameled frame finish instead.
- 38 Black enameled frame finish instead.
- 45 Gasket between trim and ceiling.
- 46 Gasket between trim and lens.
- 47 Wet plaster frame.
- 94 Custom color frame finish. Consult factory.
- 99 Special modification. Consult factory.
- DG Drop Guard; with prismatic C#73 flat glass.
- DH Drop Holophane tempered lens instead. (RS21148 only)

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION, E.C., IN NORMAL USE. Manufacturer at his option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the office of manufacturer within the three years of shipment. Liability of manufacturer shall not be liable for any other damages, direct or indirect, sustained or suffered by purchaser or any person. This warranty is supplied on the understanding that other warranties, expressed or implied, shall not in any way be affected by this warranty. Seller does not warrant as to merchantability or fitness for a particular purpose. Manufacturer will stand by this warranty only.

BEEN REPLACED BY
 RS21148 HAS
 BEEN REPLACED BY
 IRS-10152
 RS21249 HAS
 BEEN REPLACED BY
 IRS-12153
 SOME DESIGNS
 MAY HAVE CHANGED