

CATALOG #	TYPE
JOB NAME	WATTAGE VOLTAGE

8" 1 Triple 70 WATT MAXIMUM

FRR-08043

Concrete Pour: Regressed
Lens Downlights

Features

Lamp

- Designed for one 4-pin triple/four tube amalgam compact fluorescent lamp: 70W triple/tube type.

Ballast: Multi Voltage

- Installed electronic high power factor ballast, UL listed, protected. For lower wattages: Option -40.
- 120-277 multi-volt; 50/60 Hz. THD < 10%.
- ClickQuick connectors for easy service.
- Single circuit wiring or see Option -84.
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit. RFLM.
- Internally fused. Also see Options -FR, -FR.

Reflector

- Specular Alzak® aluminum.

Trim Assembly

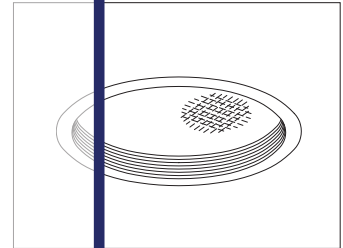
- Tapered aluminum one piece black or black with white flange or all white smooth, regressed trim (Option -40) as shown in section view.

**THIS PRODUCT
IS NO LONGER
AVAILABLE**

Please consult

QUOTATIONS

for the best alternative.



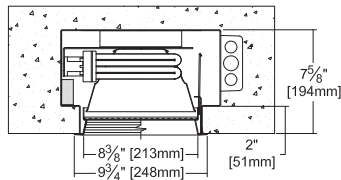
Recessed Round
Regressed Lens
Concrete Pour

Selected Optional Trims:

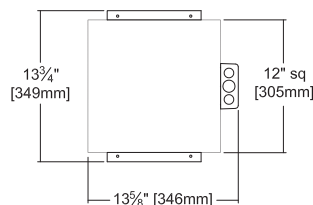
- Opal Diffuser Option -18
- White Grooveless Flare Option -40
- Fresnel Lens Option -FR

Performance at a Glance

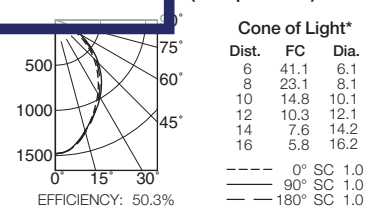
FRR-08043



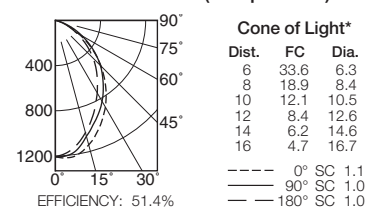
Option -40 Also Shown



FRR-08043 (1 Triple 70W)



FRR-08043-43 (1 Triple 57W)



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.

THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
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RENAISSANCE SERIES COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

1 Triple 70

CATALOG NUMBER

FRR-08043

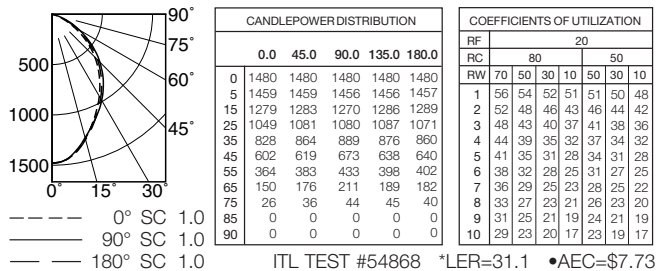
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

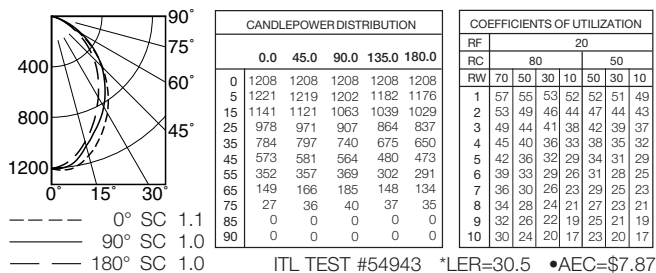
Detailed Photometry - Installed Fixture

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

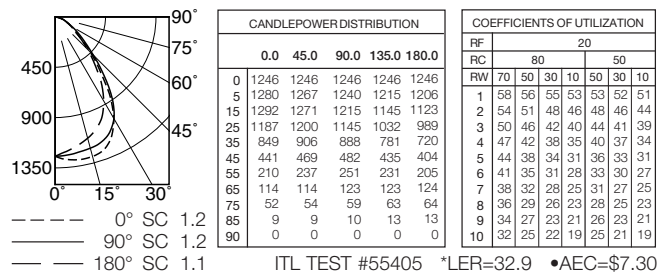
FRR-08043 (1 Triple 70)



FRR-08043-43 (1 Triple 57)



FRR-08043-43-40 (1 Triple 57 - White Flare)



* LER = Luminaire Efficiency Rating

$$LER = \frac{\text{Luminaire Effic.} \times \text{Total Lamp Lumens} \times \text{Ballast Factor}}{\text{Input Watts}}$$

• AEC = Annual Energy Cost per
1000 lumens (based on 3000
hours use @ \$0.08 KWH).

Options

Ballast, Wattage and Voltage

- 39 Installed electronic dimming ballast. Indoor use. 10°C (50°F) minimum start. Specify wattage, voltage and brand. Not available with Option -75, -CR or -HR.
- 43 Lower wattage: for 4-pin 57W triple/four tube or 42/32/26W triple or 26W quad (multi-wattage/voltage). Specify wattage. Specify other voltage. Consult factory.
- 97 347 volt, 50/60 Hz. input. Consult factory.

Emergency Ballast - Specify Voltage¹

Remote (field mounted) ballast, test switch and indicator light. Suitable for damp locations from 0° to 50°C (32° to 122°F) or with Cold Weather version (see -CR) -20° to 55°C (-4° to 131°F).

- 75 Remote 1-lamp EM ballast. Specify voltage.
- CR Remote cold weather (-20° to 55°C) 1-lamp EM ballast. Specify voltage.
- HR¹ Remote higher lumen (up to 1250) 1-lamp EM ballast. 13-42W only. Specify voltage.

Lenses and Trims

- 13 Vandal resistant tempered prismatic C#73 spread lens above 1/8" polycarbonate.
- 17 .187" prismatic high strength acrylic lens.
- 18 Opal flat glass diffuser.
- 20 White aluminum egg-crate louver (1/2" cubes).
- 21 White flat polycarbonate diffuser.
- 32 White oversize trim ring. Specify O.D.
- 40 White flare trim. (CP x 1.10)
- 45 Gasket between ceiling and trim flange.
- 46 Gasket between trim and lens.

- 76 Drop white polycarbonate diffuser.
- 94 Custom color/finish. Specify. Consult factory.
- CF High temperature color filter. Specify color.
- FR Fresnel tempered glass lens.
- FT Flat white trim
- UV UV filter. Consult factory.

Other

- 99 Special modification. Consult factory.
- FS Additional in-line fuse. Not available with Option -98 (347V).
- LE With 4-pin electronic lamp. 3500°K standard. 82 CRI and 12,000 hour life. Specify wattage, style and color temperature.

¹ Visit www.kirlinlighting.com for most current performance / specifications.

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. INSTALLATION TO N.E.C. IN NORMAL USE. Manufacturer at the option will repair or replace 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 full and without limitation. 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.