

CATALOG #	TYPE
JOB NAME	WATTAGE VOLTAGE

7" 1 Triple 42 WATT MAXIMUM

FRR-07029

Adjustable Downlight for Sloped Ceilings
Air Tight Optional

Features

Lamp

- Designed for one 4-pin triple tube amalgam or quad compact fluorescent lamp:

42/32/26W triple or 26W quad.

Ballast: Multi Wattage/Voltage

- Installed electronic high power factor ballast protected. For lower wattages: Option -4.
- 120-277 multi-volt; 50/60 Hz. THD < 10%.
- ClickQuick connectors for easy service.
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit. RFI filter.
- Internally fused. Also see Option -FS.

Reflectors

- Upper: Specular Alzak® aluminum. Tilts up to 30° for sloped ceilings. 358° swivel.
- Lower: Low reflectance (L.I.) Alzak® aluminum one piece, self-flanged.
- See Options for other finishes.

Aluminum Housing

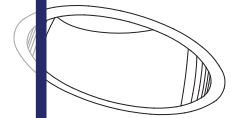
- Acrylic enameled, rustproof. Exceeds 1000 hour ASTM 9% salt spray test.

**THIS PRODUCT
IS NO LONGER
AVAILABLE**

Please consult

QUOTATIONS

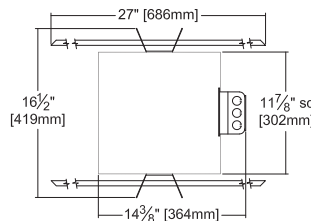
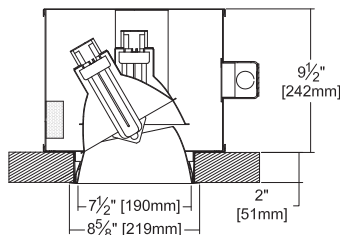
for the best alternative.



Recessed Round
Open
Adjustable
Sloped Ceilings
Type IC

Performance at a Glance

FRR-07029

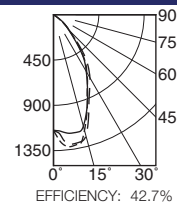


Ceiling Cut-out
8" Dia.

Cone of Light Key

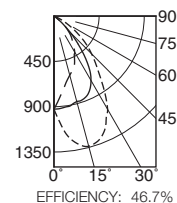
- Ft. Distance from fixture
- FC Footcandles at nadir (0°)
- Dia. Circle of light at 50% of FC
- * Dia. (in ft.) shown is where FC value is half the FC at nadir.

FRR-07029 (1 Triple 42W)



Dist.	FC	Dia.
6	31.9	5.9
8	17.9	7.8
10	11.5	9.8
12	8.0	11.7
14	5.9	13.7
16	4.5	15.6
---	0° SC	1.0
---	90° SC	1.0
---	180° SC	1.0

FRR-07029 (1 Triple 42W - 30° TILT)



---	0° SC	1.4
---	90° SC	1.2
---	180° SC	1.7

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

RENAISSANCE SERIES COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

1 Triple 42

CATALOG NUMBER

FRR-07029

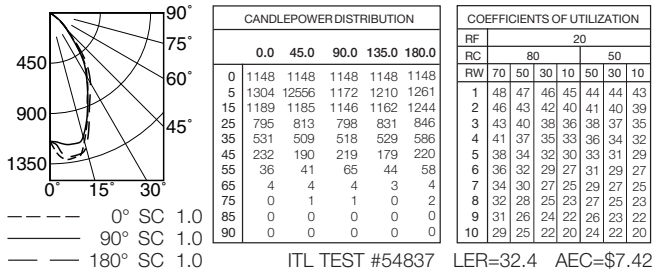
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

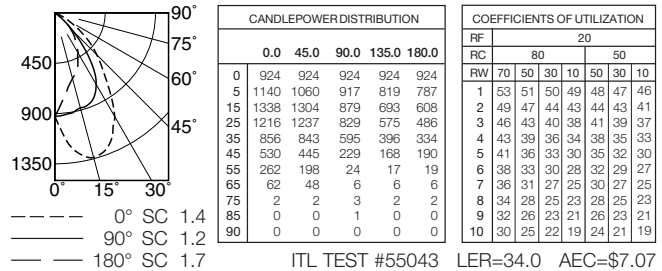
Photometry from I.T.L., Boulder, CO

FRR-07029 (1 Triple 42)



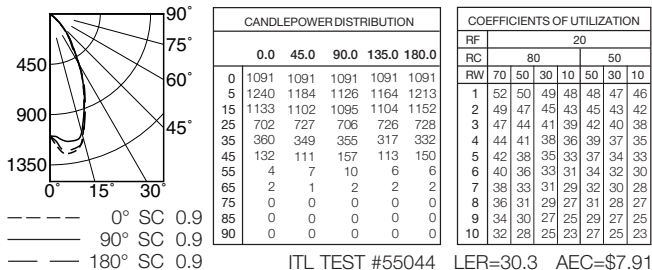
EFFICIENCY : 42.7%

FRR-07029 (1 Triple 42 - 30° Tilt)



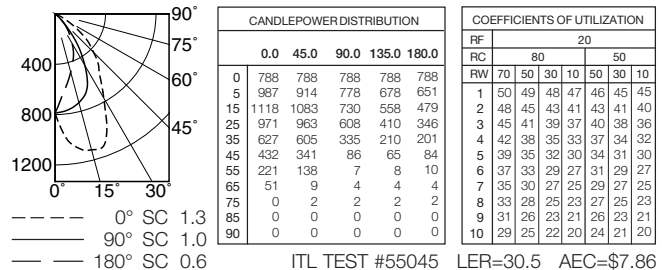
EFFICIENCY : 46.7%

FRR-07029 (1 Triple 32)



EFFICIENCY : 45.5%

FRR-07029 (1 Triple 32 - 30° Tilt)



EFFICIENCY : 44.8%

* 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. Not Type IC listed. 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 either 4-pin electronic 18W triple/quad or 13W quad (only). Specify wattage.
- 97 Specify other voltage. Consult factory.
- 98 347 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.

Trims

- 30 All white lower cone. (CP x .95)
- 31 White flange (only) on lower cone.
- 32 White oversize trim ring. Specify O.D.
- 45 Gasket between ceiling and cone flange.
- 57 SofTex Titanium lower cone. (CP x .80)
- 70 SofTex Clear lower cone. (CP x .92)
- 71 SofTex Dune lower cone. (CP x .88)
- 77 SofTex Pewter lower cone. (CP x .85)
- 90 SofTex Champagne Gold lower cone. (CP x .91)

- 91 SofTex Wheat lower cone. (CP x .87)
- 94 Custom color/finish. Specify. Consult factory.

Top Access

- TA Top access for servicing from above.

Other

- 99 Special modification. Consult factory.
- AT Air tight with Type IC. Meets / exceeds ASTM E283 restricted airflow of 2 CFM maximum.
- 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 a 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 any person. This warranty is supplied to the buyer in full and without prior written authorization from the manufacturer will render the warranty void. 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.