

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

8" 2 Triple 42 WATT MAXIMUM

FRR-08044

Concrete Pour: Regressed Lens Downlights

THIS PRODUCT IS NO LONGER AVAILABLE

Features

Lamp

- Designed for two 4-pin triple tube amalgam or quad compact fluorescent lamps: 42/32/26W triple or 26W quad.

Ballast: Multi-Wattage/Voltage

- Installed electronic high power factor ballast, protected. For lower wattages: Option -43.
- 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. For triple lamps.
- Internally fused. Also see Options -F5, -F6.

Reflector

- Specular Alzak® aluminum.

Trim Assembly

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

- Regressed lens for concrete pour.
- Fully recessed.

Housing

- 16 GA. galvanized steel; red oxide rustproof primer coat; black enamel finish.
- Fluorescent sockets for high aperture.
- 2" collar promotes concrete flow.

Outlet Box

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

Installation

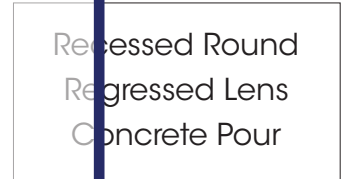
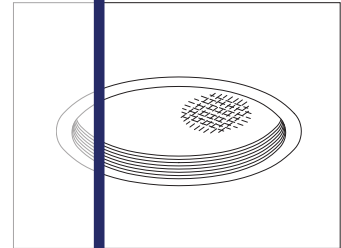
- Recesses into concrete. In poured concrete, use a 2" collar.

UL, C-UL (Canada) Listings

- For use in poured concrete.
- UL, C-UL (Canada) listings for 16 GA. steel, 1/2" and 3/4" knockouts.

Three Year Limited Warranty

- Complete standard fixture and ballast.



Recessed Round Regressed Lens Concrete Pour

Selected Optional Trims:

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

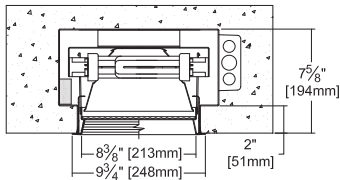
Please consult

QUOTATIONS

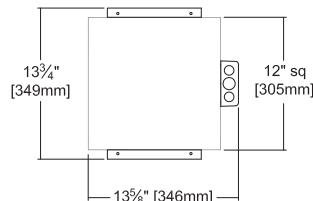
for the best alternative.

Performance at a Glance

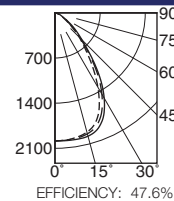
FRR-08044



Option -40 Also Shown



FRR-08044 (2 Triple 42W)



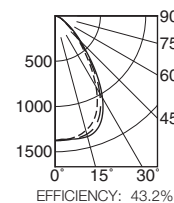
Cone of Light*

Dist.	FC	Dia.
6	55.2	6.4
8	31.0	8.5
10	19.9	10.6
12	13.8	12.8
14	10.1	14.9
16	7.8	17.0

--- 0° SC 1.1
 --- 45° SC 1.2
 ——— 90° SC 1.2

EFFICIENCY: 47.6%

FRR-08044 (2 Triple 32W)



Cone of Light*

Dist.	FC	Dia.
6	38.2	6.3
8	21.5	8.4
10	13.8	10.6
12	9.6	12.7
14	7.0	14.8
16	5.4	16.9

--- 0° SC 1.1
 --- 45° SC 1.1
 ——— 90° SC 1.1

EFFICIENCY: 43.2%

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
 (313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121 • www.kirlinlighting.com

**RENAISSANCE SERIES
 COMPACT FLUORESCENT LIGHTING**

MAXIMUM WATTAGE

2 Triple 42

CATALOG NUMBER

FRR-08044

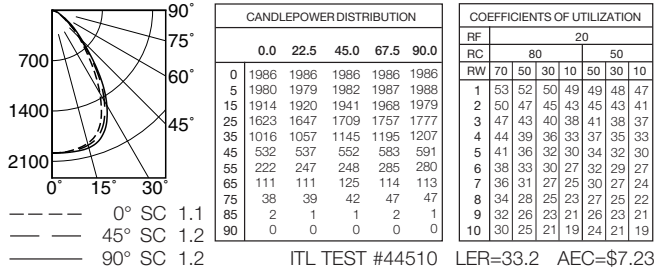
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

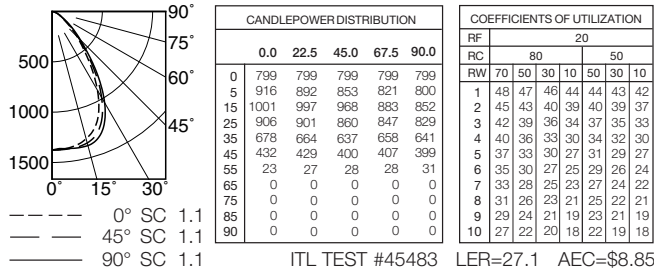
Photometry from I.T.L., Boulder, CO

FRR-08044 (2 Triple 42)



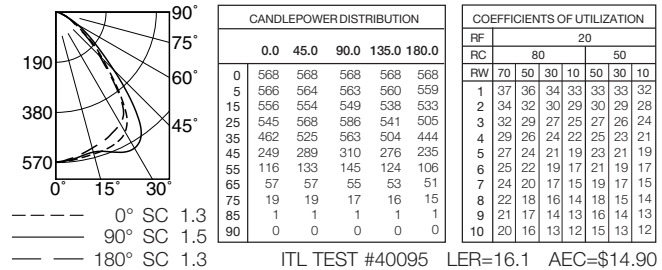
EFFICIENCY : 47.6%

FRR-08044 (2 Triple 32)



EFFICIENCY : 43.2%

FRR-08044 (2 Quad 26)



EFFICIENCY : 32.9%

* LER = Luminaire Efficiency Rating

LER = Luminaire Effic. x Total Lamp Lumens x Ballast Factor / 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.
- 43 Lower wattage: for either 4-pin electronic 2x18W triple/quad or 2x13W quad (only). Specify wattage.
- 84 Wired for two circuits. Also see -FD.
- 97 Specify other voltage. Consult factory.
- 98 347 volt, 50/60 Hz. input. Consult factory.

Emergency Ballast - Specify Voltage¹

Internal (factory installed) or 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 -CE or -CR) -20° to 55°C (-4° to 131°F).
- 73 Internal 1-lamp EM ballast. Specify voltage.
- 75 Remote 1-lamp EM ballast. Specify voltage.
- CE Internal cold weather (-20° to 55°C) 1-lamp EM ballast. Specify voltage.
- HE¹ Internal 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.
- FD Two additional in-line fuses. One per ballast. Use with Option -84. Not available with Option -98 (347V).
- 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

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

APPROVAL STAMP

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLED TO N.E.C. IN NORMAL USE. Manufacturer at the option will inspect or repair 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 place of all other warranties, expressed or implied. 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.