

CATALOG #	TYPE
JOB NAME	WATTAGE VOLTAGE

7" 2 Triple 42 WATT MAXIMUM

FRR-07009

Excellent Cut-Off with
2 x 42 Watt in Shallow Housing

Features

Lamp

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

Ballast: Multi Wattage/Voltage

- Installed electronic high power factor, thermally 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 -50.
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit. RFI filter.
- Internally fused. Also see Options -70, -71.

Reflector

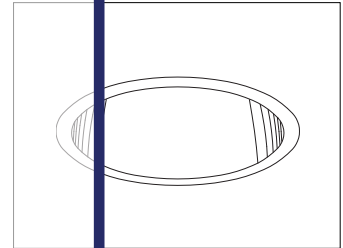
- Low iridescence (L.I.) Alzak® aluminum case, one piece, self-fanged.
- See Options for other finishes.

THIS PRODUCT IS NO LONGER AVAILABLE

Please consult

QUOTATIONS

for the best alternative.



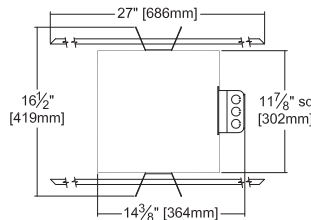
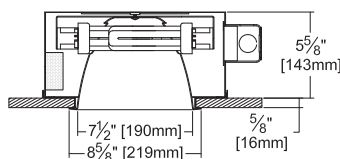
Recessed Round
Open
Single Reflector
Shallow Plenum

Selected Optional Trims:

- Glow Ring Option -33
- SoftTex Dune Option -71
- SoftTex Gold Option -90
- SoftTex Wheat Option -91

Performance at a Glance

FRR-07009

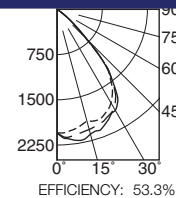


Ceiling Cut-out
8" Dia.

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-07009 (2 Triple 42W)

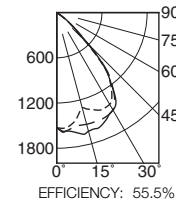


Cone of Light*

Dist.	FC	Dia.
6	56.9	7.9
8	32.0	10.6
10	20.5	13.2
12	14.2	15.9
14	10.5	18.5
16	8.0	21.1
---	0° SC 1.3	
---	45° SC 1.3	
---	90° SC 1.3	

EFFICIENCY: 53.3%

FRR-07009 (2 Triple 32W)



Cone of Light*

Dist.	FC	Dia.
6	42.4	8.2
8	23.9	10.9
10	15.3	13.7
12	10.6	16.4
14	7.8	19.1
16	6.0	21.9
---	0° SC 1.3	
---	45° SC 1.4	
---	90° SC 1.4	

EFFICIENCY: 55.5%

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-07009

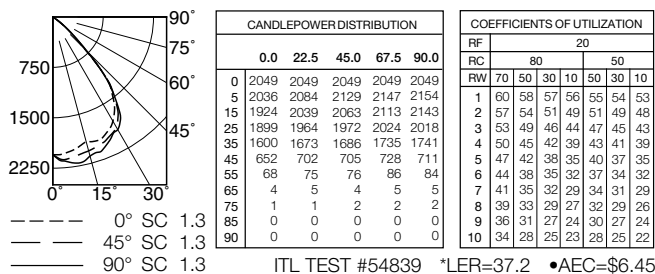
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS,
TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

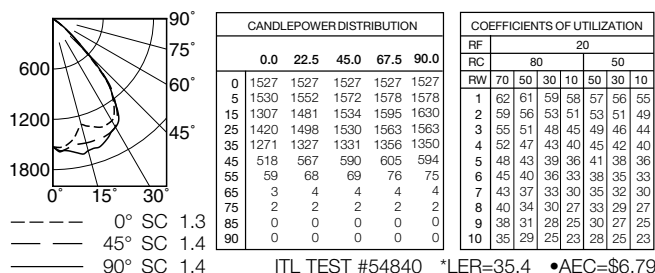
Photometry from I.T.L., Boulder, CO

FRR-07009 (2 Triple 42)



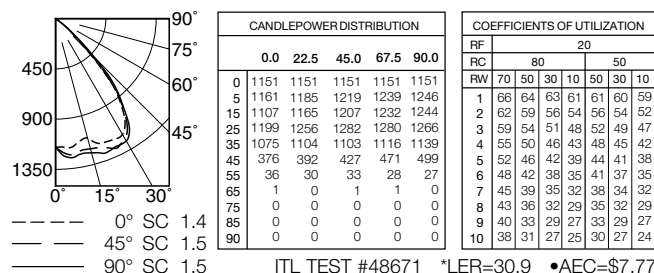
EFFICIENCY : 53.3%

FRR-07009 (2 Triple 32)



EFFICIENCY : 55.5%

FRR-07009 (2 Triple 26)



EFFICIENCY : 58.8%

* 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.
- 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) 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) -20° to 55°C (-4° to 131°F).
- 73 Internal 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.

Trims

- 31 White acrylic enameled reflector flange.
- 32 White oversize trim ring. Specify O.D.
- 33 Decorative Glow Ring suspended beneath trim assembly.
- 45 Gasket between ceiling and reflector flange.
- 70 SofTex Clear reflector. (CP x .89)
- 71 SofTex Dune reflector. (CP x .85)
- 79 Extension collar for ceilings up to 2" thick.
- 90 SofTex Champagne Gold reflector. (CP x .88)
- 91 SofTex Wheat reflector. (CP x .83)
- 94 Custom color/finish. Specify. Consult factory.
- OG OptiGroove black seamless tapered aluminum reflector with white flange. (CP x .80)

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

APPROVAL STAMP

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

² See GRR-07009 specification sheet or "Gazelle Express Program" brochure for complete details. Limited option availability.