

CATALOG #	TYPE
JOB NAME	WATTAGE VOLTAGE

9" 2 Triple 42 WATT MAXIMUM

FWR-09067

Open Direct/Indirect: Sleek Proportions

Features

Lamp

- Designed for one direct/one indirect 4-pin triple tube amalgam or quad compact fluorescent: one each 42 or 24W triple or 24W quad direct and indirect

Ballast: Multi Wattage/Voltage

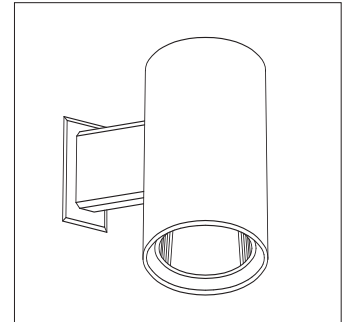
- Installed electronic high power factor, thermally protected. For lower wattages: Option -43.
- 120-277 multi-volt; 50/60 Hz, T.D. < 10%.
- ClickQuick connectors for easy wiring.
- Single circuit wiring or see Option -84.
- Cold weather: -22°F (-30°C).
- End of lamp life protection circuit, RFI filter.
- Internally fused. Also see Options -ES, -

Reflectors

- Low iridescence (L.I.) Alzak® aluminum, heated piece, self-ranged.
- See Options for other finishes.

Housing

- White acrylic enameled aluminum with wall bracket mounting (see -86).
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- No visible hardware.
- Cool operation: Extends component life.
- Indoor/outdoor for covered ceiling use (see -86).
- Wet/damp or outdoor use (see covered ceiling).
- Complete standard fixture and ballast.



Wall Bracket
Round
Direct / Indirect
Open Flare Trim

Selected Optional Trims:

- SoTex Dune Option -71
- SoTex Champagne Gold Option -90
- SoTex Wheat Option -91

Optional Mount:

- Pendant Option -PM

Performance at a Glance*

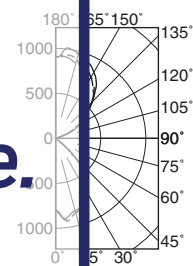
FWR-09067



Representative View:

(Above) With optional pendant mount (Option -PM)

FWR-09067
(1/1 Triple 42W)



0° SC 1.0
90° SC 1.1
180° SC 1.1
EFFICIENCY: 58.5%

Please consult
QUOTATIONS
for the best alternative.

THE KIRLIN COMPANY

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RENAISSANCE SERIES COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

1/1 Triple 42

CATALOG NUMBER

FWR-09067

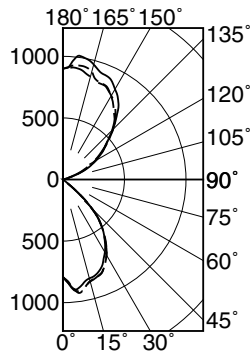
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FWR-09067 (1/1 Triple 42)



----- 0° SC 1.0
 ————— 90° SC 1.1
 ————— 180° SC 1.1

EFFICIENCY : 58.5%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	791	791	791	791	791
10	918	881	873	814	903
30	708	735	682	681	709
50	115	107	119	111	88
70	2	2	3	3	2
90	0	0	0	0	0
110	115	120	120	101	83
130	479	476	469	482	464
150	782	770	847	831	786
170	935	918	1004	998	900
180	899	899	899	899	899

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80						
RW	70	50	30	10	50	30	10
1	53	51	49	48	38	37	36
2	49	46	43	40	35	33	31
3	45	41	38	35	31	29	27
4	42	37	33	30	28	26	24
5	39	33	29	26	26	23	21
6	36	30	26	23	23	21	19
7	33	27	23	21	22	19	17
8	31	25	21	19	20	17	15
9	29	23	19	17	18	16	14
10	27	21	17	15	17	14	13

ITL TEST #54924 *LER=36.4 •AEC=\$6.60

* 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 for both lamps. 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 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 Ballast¹

- 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 (direct position).
 - CR Remote cold weather (-20° to 55°C) 1-lamp EM ballast (direct position).

- HR¹ Remote higher lumen (up to 1250) 1-lamp EM ballast (direct position). 13-42W only.

Trims (Direct Position Only)

- 70 SofTex Clear reflector. (CP x .89)
- 71 SofTex Dune reflector. (CP x .85)
- 90 SofTex Champagne Gold reflector. (CP x .88)
- 91 SofTex Wheat reflector. (CP x .83)
- 94 Custom color/finish. Specify. Consult factory.

Luminaire (Housing) Finishes

- 35 Natural aluminum acrylic enamel.
- 37 Dark Bronze acrylic enamel.
- 38 Black acrylic enamel.
- 94 Custom color/finish. Specify. Consult factory.

ShatterGuard™ Shield (Beneath Lamp)

- SG .125" clear polycarbonate (direct only).

Mounting

- 87 Custom pendant stem (with Option -PM, other than 48"). Specify length.

- 88 Swivel canopy for sloped ceilings up to 40°. Use with -PM.
- PM Pendant mount for damp or dry locations only. 48" stem plus 4" offset (see diagram). Also see Option -87. Not available with Option -75, -CR or -HR.

Other

- 86 Prismatic WeatherCap (indirect position) tempered glass lens. Required for wet label. Not available with -PM.
- 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

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALL TO N.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 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. Abuse of the fixture, improper installation, repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.