

CATALOG #	TYPE
JOB NAME	WATTAGE VOLTAGE

9" 2 Triple 42 WATT MAXIMUM

FWR-09069

Lensed Direct/Indirect Wall Mount

Features

Lamp

- Designed for one direct/one indirect 4-pin triple tube amalgam or quad compact fluorescent: one each 42W/20W triple or 20W quad direct and indirect

Ballast: Multi Wattage/Voltage

- Installed electronic high power factor, thermally protected. For lower wattage, Option -42.
- 120-277 multi-volt; 50/60 Hz, T.D. < 100%.
- ClickQuick connectors for easy wiring.
- Single circuit wiring or see Option -86.
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit, RFI filter.
- Internally fused. Also see Options -ES, -

Reflectors

- Specular Alzak® aluminum.

Trim Assemblies

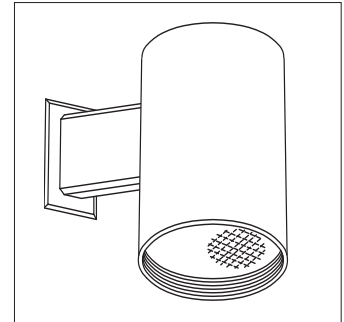
- Direct: Tapered aluminum one piece black

OptiGroove with white flange or see Option -40.
Regressed tempered prismatic C#73 lens.

- Indirect: Tempered C#73 prismatic glass lens.

Housing

- White acrylic enameled aluminum with wall bracket.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- No visible hardware.
- Cool operation: Extends component life.
- Indirect: Tempered C#73 prismatic glass lens.
- Indirect: Tempered C#73 prismatic glass lens.
- Wall plate click into housing.
- Mounting hardware included.
- Indoor/outdoor for covered ceiling use (see -86).
- C-U (Coat) Finishes.
- Wet, damp or dry locations covered wiring.
- See Option -86.
- Three Year Limited Warranty
- Complete standard fixture and ballast.



Wall Bracket
Round
Direct / Indirect
Regressed Lens

Selected Optional Trims:

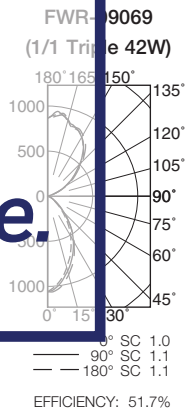
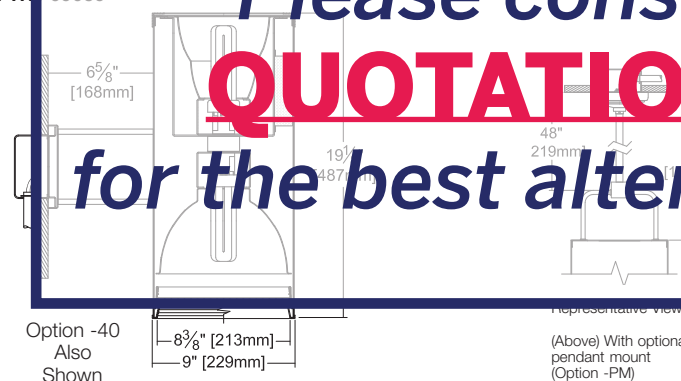
- White Grooveless Flare Option -40
- Fresnel Lens Option -FR

Optional Mount:

- Pendant Option -PM

Performance at a Glance

FWR-09069



Please consult
QUOTATIONS
for the best alternative.

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

1/1 Triple 42

CATALOG NUMBER

FWR-09069

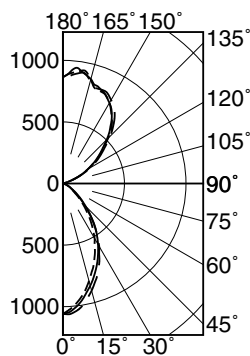
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FWR-09069 (1/1 Triple 42)



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

EFFICIENCY : 51.7%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1059	1059	1059	1059	1059
10	920	926	948	974	990
30	515	534	571	595	590
50	150	165	184	184	170
70	25	29	29	30	27
90	0	0	0	0	0
110	71	64	71	67	74
130	418	416	406	424	435
150	758	795	756	709	783
170	933	982	918	854	915
180	862	862	862	862	862

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80			50			
RW	70	50	30	10	50	30	10
1	50	48	46	45	36	35	34
2	46	43	40	38	32	31	29
3	42	38	35	32	29	27	25
4	39	34	31	28	26	24	22
5	36	31	27	24	24	21	20
6	34	28	24	21	22	19	17
7	31	25	22	19	20	17	16
8	29	23	20	17	18	16	14
9	27	21	18	15	17	15	13
10	25	20	16	14	16	13	12

ITL TEST #54925 *LER=36.9 •AEC=\$6.50

* 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.

Lenses (Direct Position Only)

- 13 Vandal resistant tempered prismatic C#73 lens above 1/8" flat polycarbonate.
- 17 .187" prismatic high strength acrylic lens.
- 18 Opal flat glass diffuser.
- 20 White aluminum 1/2" cube egg-crate louver.
- 21 White flat polycarbonate diffuser.
- FR Fresnel tempered glass lens.
- HO Holophane concave prismatic tempered lens.

Trims (Direct and Indirect Position)

- 40 White grooveless flare trim. (CP x 1.10)
- 46 Gasket between trim and lens.

Luminaire (Housing) Finishes

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

Mounting

- 87 Custom 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 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, or repair, or modification of the fixture without written authorization from the manufacturer will render the warranty void.