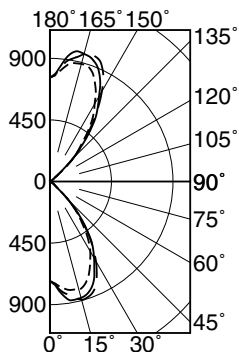




Detailed Photometry - Installed Fixture

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

FWS-07117 (1/1 Triple 42)



----- 0° SC 1.2  
 ——— 45° SC 1.3  
 ——— 90° SC 1.3

EFFICIENCY : 53.3%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	727	727	727	727	727
10	805	821	843	865	882
30	590	631	674	669	646
50	72	79	69	64	56
70	6	5	5	5	5
90	0	0	0	0	0
110	7	5	5	5	5
130	88	94	81	74	59
150	654	710	760	755	719
170	877	870	909	932	957
180	758	758	758	758	758

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80			50			
RW	70	50	30	10	50	30	10
1	39	38	36	35	29	29	28
2	36	34	32	30	27	25	24
3	34	30	28	26	24	23	22
4	31	28	25	23	22	20	19
5	29	25	22	20	20	19	17
6	27	23	20	18	19	17	15
7	25	21	18	16	17	15	14
8	23	19	16	15	16	14	13
9	22	18	15	13	15	13	12
10	21	16	14	12	14	12	11

ITL TEST #54932 \*LER=26.6 •AEC=\$9.01

\* 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 Ballast<sup>1</sup>

- 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).
- HR<sup>1</sup> Remote higher lumen (up to 1250) 1-lamp EM ballast (direct position). 13-42W only.

Trims (Direct Position Only)

- 30 All white lower trim. (CP x .95)
- 31 White acrylic enameled lower trim flange.
- 57 SofTex Titanium lower trim. (CP x .80)
- 71 SofTex Dune lower trim. (CP x .88)
- 77 SofTex Pewter lower trim. (CP x .85)
- 90 SofTex Champagne Gold lower trim. (CP x .91)
- 91 SofTex Wheat lower trim. (CP x .87)
- 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)

- ML MicroLux tempered microprismatic lens. Specify position.
- SG .125" clear polycarbonate. Specify position.

Other

- 99 Special modification. Consult factory.
- DN Downlight only version of direct/indirect luminaire.
- 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.

<sup>1</sup> Visit [www.kirlinlighting.com](http://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. INSTALLLED 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 office 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 persons. 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.