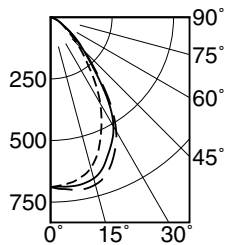


Detailed Photometry - Installed Fixture

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

FRR-06036 (1 Triple 32)



----- 0° SC 1.0
 _____ 90° SC 1.1
 - - - - - 180° SC 1.2

EFFICIENCY : 41.9%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	689	689	689	689	689
5	680	681	691	697	700
15	632	644	677	693	703
25	489	530	578	596	612
35	308	347	402	403	419
45	156	168	190	189	196
55	68	81	84	82	79
65	32	35	35	34	33
75	6	7	7	7	8
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION						
RF	20					
	80			50		
RC	70	50	30	10	50	30
RW	70	50	30	10	50	30
1	47	46	44	43	43	42
2	44	42	40	38	39	37
3	41	38	35	33	36	33
4	39	35	32	30	33	29
5	36	32	29	27	31	26
6	34	29	26	24	28	24
7	32	27	24	22	26	22
8	30	25	22	20	25	20
9	28	24	21	19	23	19
10	27	22	19	17	21	17

ITL TEST #45417 *LER=24.9 •AEC=\$9.63

* 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. Not Type IC listed. Indoor use. 10°C (50°F) minimum start. Specify wattage, voltage and brand.
- 43 Lower wattage: for either 4-pin electronic 18W triple/quad or 13W quad (only). Specify wattage.
- 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.

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 grooveless flare trim. (CP x 1.10)
- 45 Gasket between ceiling and trim flange.
- 46 Gasket between trim and lens.
- 79 Extension collar for ceilings up to 2" thick.
- 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.
- AT Air tight with Type IC. Meets / exceeds ASTM E283 restricted airflow of 2 CFM maximum. Additional in-line fuse. 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

² See GRR-06036 specification sheet or "Gazelle Express Program" brochure for complete details. Limited option availability.

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION TO N.E.C. IN NORMAL USE. Manufacturer at the 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. 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.