

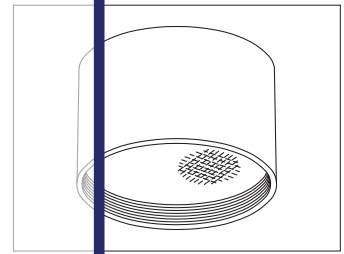
CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

12" 1 Triple 85 WATT PL-H MAXIMUM

FSR-12134

High Lumen Regressed Lamp
Shallow Cylindrical

THIS PRODUCT IS NO LONGER AVAILABLE



20,000 Hour Lamp Life

Features

Lamp

- Designed for one 4-pin Philips PL-H type compact fluorescent lamp: 85 or 60 watt PL-H.
- Long 20,000 hour life.
- High 6,000 lumen output.
- 800 MA high output lamp current.

Ballast: Multi Voltage

- Installed electronic high power factor, thermally protected.
- 120-277 multi-volt; 50/60 Hz. THD <math>< 10\%</math>
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit. RFI filter.
- Internally fused. Also see Options -FR

Reflector

- Specular Alzak® aluminum.

Trim Assembly

- Tapered aluminum one piece black AntiGroove with white flange. White smooth surface trim (Option -40) as shown in section view.

Aluminum Housing

- Seamless white acrylic enameled. Rustproof: Exceeds 100% sulfur dioxide salt spray test.
- Non-viable cylinder for the standard lamp.
- Light weight: 1.5 lbs. (0.7 kg) load.
- Dual operation: Extended component life.

Installation

- Center point mounting for snug fit to ceiling. Mounting hardware furnished.
- QuickConnect mounting available. (Option -QM)
- 2" collar for surface, I-box mount. (Option -80)
- Mounting for wall bracket available. (See Options -FW, -WB)
- Indoor or outdoor for covered ceiling use. (See Option -89)
- UL listing: ETL listed for use with compact fluorescent lamps.
- (See Option -89)

Please consult **QUOTATIONS**

for the best alternative.

Selected Optional Trims:

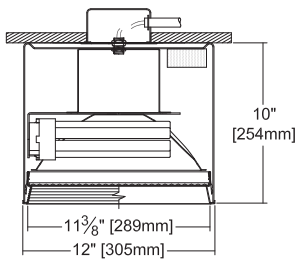
- White Grooveless Flare Option -40
- Fresnel Lens Option -FR

Selected Optional Mounts:

- Pendant Option -PM
- Wall Bracket Option -WB

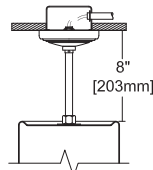
Performance at a Glance

FSR-12134



Option -40 Also Shown

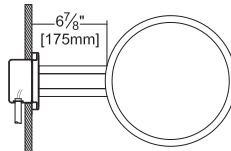
Cone of Light Key
Ft. Distance from fixture
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC
 * Dia. (in ft.) shown is where FC value is half the FC at nadir.



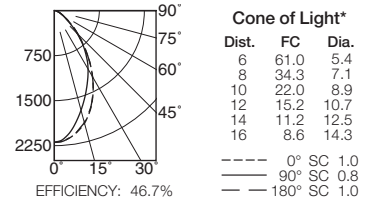
Representative Views:

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

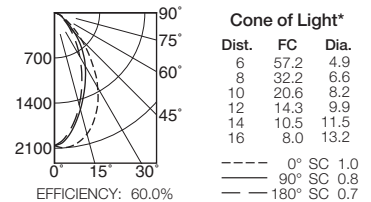
(Below) With optional wall bracket (Option -WB)



FSR-12134 (1 PL-H 85W)



FSR-12134 (1 PL-H 60W)



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 PL-H 85

CATALOG NUMBER

FSR-12134

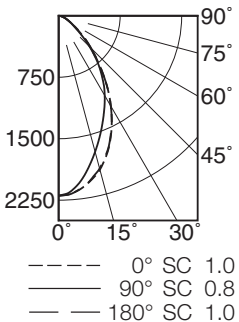
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FSR-12134 (1 PL-H 85)



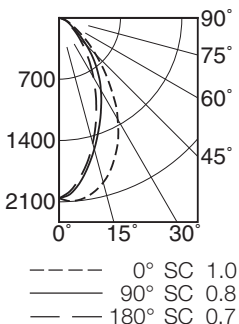
EFFICIENCY : 46.7%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	2195	2195	2195	2195	2195
5	2162	2145	2118	2135	2164
15	1944	1817	1718	1790	1929
25	1525	1413	1306	1372	1520
35	1015	1001	931	959	1014
45	554	558	535	535	559
55	253	276	236	266	265
65	118	122	117	121	120
75	45	48	52	49	52
85	1	2	2	2	2
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
	80			50			
	70	50	30	10	50	30	10
1	52	51	49	48	48	47	46
2	49	46	44	41	43	42	40
3	46	42	39	36	40	37	36
4	43	38	35	32	36	34	32
5	40	35	32	29	34	31	29
6	37	32	29	26	31	28	26
7	35	30	26	24	29	26	24
8	33	28	24	22	27	24	22
9	31	26	22	20	25	22	20
10	29	24	21	19	23	21	19

ITL TEST #56380 *LER=29.0 •AEC=\$8.28

FSR-12134 (1 PL-H 60)



EFFICIENCY : 60.0%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	2060	2060	2060	2060	2060
5	2095	2056	1974	1928	1935
15	1945	1765	1551	1456	1482
25	1582	1378	1133	1001	994
35	1072	990	777	654	599
45	592	554	441	352	326
55	272	271	195	179	156
65	125	124	100	83	79
75	48	47	44	34	33
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
	80			50			
	70	50	30	10	50	30	10
1	67	65	63	62	61	60	59
2	63	59	56	53	56	54	52
3	59	54	50	47	51	48	46
4	55	49	45	42	47	44	41
5	51	45	41	38	43	40	37
6	48	42	37	34	40	37	34
7	45	39	34	31	37	34	31
8	43	36	32	29	35	31	28
9	40	33	29	27	33	29	26
10	38	31	27	25	31	27	24

ITL TEST #56381 *LER=30.3 •AEC=\$7.91

* 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).

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION, CANNOT BE USED 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 within the office of manufacturer within ninety days 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.

Options

Ballast, Wattage and Voltage

- 39 Installed electronic dimming ballast. Indoor use only. 10°C (50°F) minimum start. Please specify wattage and voltage. CONSULT FACTORY FOR AVAILABILITY.
- 75 Remote emergency battery pack for 60W PL-H lamp maximum (675 lumen output). With test switch and indicator light. Ambient temp. limits: 0° to 55°C (32° to 131°F). Specify voltage. Consult factory for 85W. Use this option for outdoor emergency applications, where pack is remote mounted indoors in a heated space. Maintain a maximum distance of 2 feet between emergency pack and lamp.
- 97 Specify other voltage. Consult factory.
- 98 347 volt, 50/60 Hz. input. Consult factory.

Lenses and Trims

- 13 Vandal resistant tempered prismatic C#73 lens above 1/8" flat polycarbonate.
- 18 Opal flat glass diffuser.
- 20 White aluminum 1/2" cube egg-crate louver.
- 40 White grooveless flare trim.
- 46 Gasket between trim and lens.
- CF High temperature color filter. Specify color.
- FR Fresnel tempered glass lens.
- HO Holograph concave prismatic tempered lens.
- UV UV filter. Consult factory.

Luminaire (Housing) Finishes

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

Mounting

- 54 Safety cable from fixture through pendant

- stem and 12" beyond. Use with -PM. See -87.
- 80 2" collar for mounting beneath surface outlet box. 1/2" T.S. KO's.
- 87 Custom pendant/wall bracket length. Specify.
- 88 Swivel canopy for sloped ceilings up to 40°. Consult factory for higher angles. Use with -PM.
- 89 Sealed top WeatherCap. Required for wet label with Options -PM and -WB.
- PM Pendant mount. 8" stem or see Option -87. Option -89 required for wet label.
- QM QuickConnect mount for indoor (damp or dry) use only.
- WB Bracket mount. -89 also required for wet label.

Other

- 99 Special modification. Consult factory.
- FS Additional in-line fuse.
- LE With 4-pin electronic lamp. 3000°K standard or specify 4100°K. 82 CRI and 20,000 hour life. Specify wattage and color temperature.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER