

High Wattage Multi-Lamp Open Downlighting

Dimmable or Level Switching

Features

Lamp

- Designed for three 4-pin triple tube amalgam compact fluorescent lamps: 57W triple.

Ballast: Multi-Voltage

- Electronic high power factor, thermally protected. For lower wattages: Option -43
- 120-277 multi-volt; 50/60 Hz.
- QuickConnect connectors for easy service.
- Single circuit wiring or see Option -84
- Cold weather: -22°F (-30°C).
- End of lamp life protection circuit. RFI filter. THD less than 10%.
- Internally fused. Also see Options -FS, -FD.

Reflector

- Low iridescence (L.I.) specular Alzak® aluminum, one piece, self-flanged.
- See Options for others.

Aluminum Housing

- Acrylic enameled. Rustproof. Exceeds 1000 hour ASTM 5% salt spray test.
- No visible cylinder hardware.
- Lightweight: Minimizes ceiling load.
- Cool operation: Extends component life.

Installation

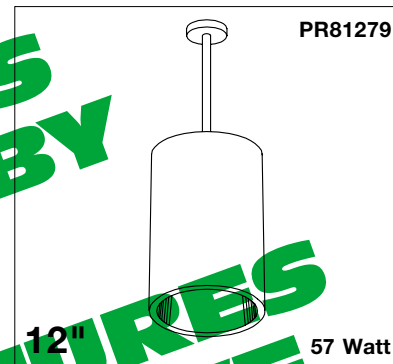
- Pendant mount. 1/8" T.S. x 18".
- For custom length or swivel canopy mount for sloped ceilings, see Options -87, -88.
- Wall bracket mount available. See Option -WB.
- Indoor or outdoor for covered ceiling use. (See Option -89)

UL, C-UL (Canada) Listings

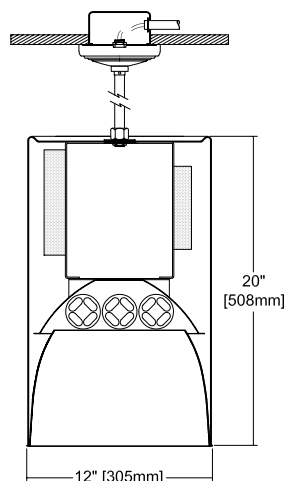
- Damp or dry locations, covered ceilings. (See Option -89)

Three Year Limited Warranty

- Complete standard fixture and ballast.

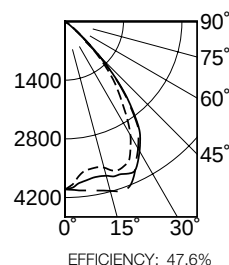
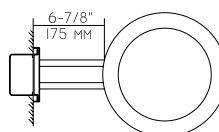


Performance at a Glance



Representative View:

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



Cone of Light*

Dist.	FC	Dia.
6	111.3	7.5
8	62.6	10.0
10	40.1	12.5
12	27.8	15.0
14	20.4	17.5
16	15.6	20.0

----- 0° SC 1.2
 ----- 90° SC 1.3
 ----- 180° SC 1.3

Cone of Light Key

Dist. Distance from fixture
FC Footcandles (average)
Dia. Circle of light at 50% of FC

* Dia. (in ft.) shown is where FC value is half the FC at nadir.

THE KIRLIN COMPANY

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SECOND CENTURY SERIES
TRIPLE TUBE
COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

CATALOG NUMBER

57

PR81279

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Alzak® is a registered trademark of ALCOA.

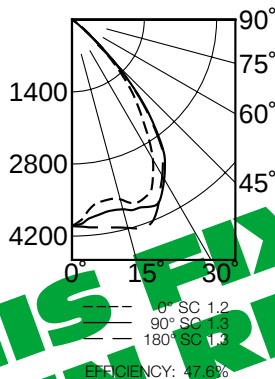
Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) PR81279: TEST #54945 (GE)
RR80982: TEST #54873 (Philips)

PR81279 3x57W (GE)

*LER = 30.7

•AEC = \$7.82



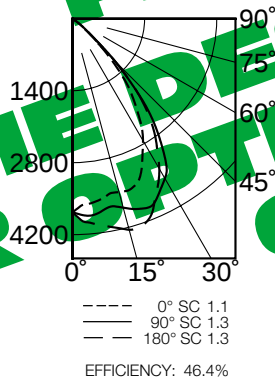
CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	2321	2321	2321	2321	2321
5	2361	2369	2391	2404	2407
10	2572	2751	2928	2874	2835
25	2825	3172	3340	3327	3322
35	2009	2429	2583	2613	2532
40	1741	893	960	940	864
5	62	65	64	72	67
65	21	21	22	25	24
75	8	8	9	10	8
85	3	3	2	3	3
90	0	0	0	0	0

C.U. (Coefficients of Utilization) Tables are available on request. Please contact your Kirlin representative.

PR81279 3x57W (Philips)

*LER = 32.5

•AEC = \$7.38



CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	3764	3764	3764	3764	3764
5	3616	3694	3846	3945	3984
10	3490	3780	3804	3871	4250
25	3185	3707	3863	3843	3810
35	2198	2686	3031	3019	2805
45	861	990	1177	1368	1142
55	114	118	97	88	78
65	33	34	33	31	27
75	12	12	12	10	9
85	0	0	0	0	0
90	0	0	0	0	0

* AEC = (based on 1000 hours @ \$0.08 KWH)

* LER = (Luminaire Efficacy Rating) = Luminaire Efficacy x Total Lamp Lumens x Ballast Factor

Options

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 57 watt or to request brand.
- 43 Lower wattage for 4-pin 3x42/32/26W triple or 3x26W quad.
- 75 Remote emergency 1 lamp battery pack. Test switch and indicator light in reflector. Damp location. Ambient temp. limits: 0°-50°C (32°-122°F). Specify voltage.
- 84 Modified for two circuits instead of one.
- 97 Specify other voltage. Consult factory.
- 98 347 volt, 50/60 Hz. input. Consult factory.

Trims

- 30 White reflector. (CP x .00)

- 31 White acrylic enameled reflector flange.
- 70 Softex Clear reflector. (CP x .93)
- 71 Softex Dune reflector. (CP x .87)
- 77 Softex Pewter reflector. (CP x .85)
- 90 Softex Champagne Gold reflector. (CP x .90)
- 91 Softex Wheat reflector. (CP x .87)
- 94 Custom color/finish. Specify. Consult factory.
- OG OptiGroove black seamless tapered aluminum reflector with white flange. (CP x .00)

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.

Other

- 54 Safety cable through pendant stem. 12" longer than specified stem length. Anchored to fixture.

- 87 Custom pendant / wall bracket length. Specify length.
- 88 Swivel base, for installation on sloped ceiling with angle up to 40°. Consult factory for higher angles.
- 89 Sealed top WeatherCap. Required for wet label.
- 99 Special modification. Consult factory.
- FD Two in-line fuses. One per ballast. Use with Option -84.
- FS Additional in-line fuse.
- LE With 4-pin electronic lamp. 3500°K standard. 82 CRI and 12,000 hour life. Specify wattage, style and color temperature.
- WB Wall bracket mount. Option -89 required for wet label.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____
TYPE _____
WATTAGE _____ VOLTAGE _____
CATALOG NUMBER _____