

CATALOG #	TYPE
JOB NAME	WATTAGE VOLTAGE

6" 1 PAR 30L 75 WATT MAXIMUM

IRR-06080

## Versatile 6" Accent Downlight: Office, Retail

### Specifications

#### Lamp / Socket

- Designed for 1 vertical tungsten halogen lamp (by others):  
75W maximum PAR 30L. Also will accommodate R30 / BR30.
- Rated 2000-2500 hour life. 100 CRI.
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

#### Reflector

- Self-flanged parabolic specular Alzak® aluminum.
- Optional reflector finishes, colors and square trim available.

#### Aluminum Housing

- Cool. Acrylic enameled 100% aluminum.
- Rustproof and corrosion resistant: Exceeds 1000 hour ASTM 5% salt spray test.
- Dissipates heat across entire surface area extending component life.

- Entire luminaire visible and serviceable from below through aperture.
- Built-in plaster frame. Also see Option -79.

#### Outlet Box and Thermal Protection

- UL listed J-box with insulated removable cover. Prewired 14 GA (NEC) with ½" and ¾" knockouts.
- Thermal protector (per current NEC) provides automatic cut-off if rated temperature is exceeded.

#### Installation

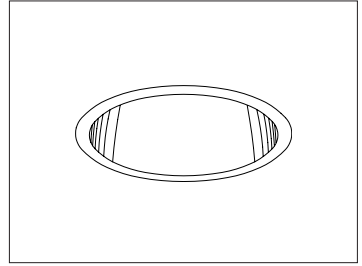
- 27" galvanized hanger bars supplied (2).
- Fully adjustable universal galvanized mounting brackets supplied (2).
- Recesses indoor or outdoor in covered ceilings.

#### UL, C-UL (Canada) Listings

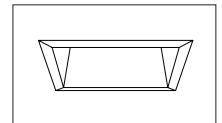
- Wet, damp or dry locations, covered ceilings.
- Through-branch conductors (6 #12 AWG 90°C).

#### Three Year Limited Warranty

- Complete standard fixture.



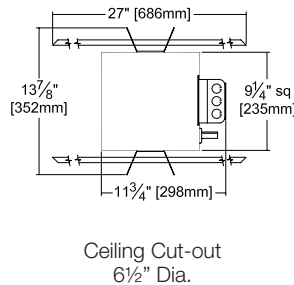
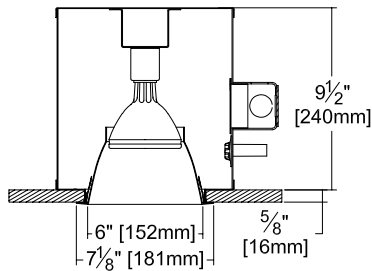
Recessed Round  
Open  
Single Reflector



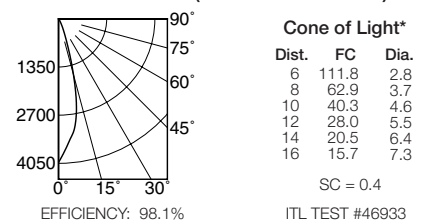
Square Reflector  
Option -SQ

### Performance at a Glance

IRR-06080



IRR-06080 (75W Narrow Flood)



#### 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.



Exceptional  
Energy  
Efficiency

## THE KIRLIN COMPANY

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TUNGSTEN HALOGEN &  
INCANDESCENT LIGHTING

MAXIMUM WATTAGE

75

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Alzak® is a registered trademark of ALCOA.

IRR-06080

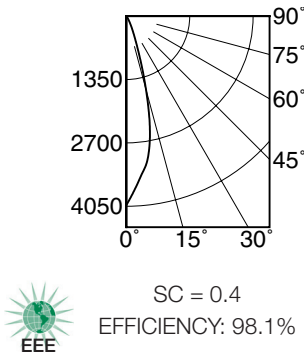
6" 1 PAR 30L 75 WATT MAXIMUM

**KIRLIN**  
 Since 1895

## Detailed Photometry - Installed Fixture

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

## IRR-06080 (75W Narrow Flood)



CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	4025	4025	4025	4025	4025
5	3442	3442	3442	3442	3442
15	1614	1614	1614	1614	1614
25	265	265	265	265	265
35	41	41	41	41	41
45	6	6	6	6	6
55	1	1	1	1	1
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	113	111	109	107	105	104	103
2	109	106	103	101	101	99	97
3	106	101	98	95	98	95	93
4	103	98	94	91	95	92	89
5	100	94	90	87	92	89	86
6	97	91	87	84	89	86	83
7	94	88	84	81	86	83	81
8	92	85	81	79	84	81	78
9	89	83	79	76	82	78	76
10	87	81	77	74	80	76	74

ITL TEST #46933

## Options

## Wattage and Voltage

- 58 277/120 volt stepdown transformer for 277 volt line input, prewired into fixture; with 277 volt thermal protector.

## Trims

- 16 Champagne Gold specular Alzak reflector. (CP x .98)
- 30 All white reflector. (CP x .98)
- 31 White flange (only) on self-flanged reflector.
- 32 White oversize trim ring. Specify O.D.

- 45 Gasket between ceiling and reflector flange.
- 63 Dune specular Alzak reflector. (CP x .97)
- 69 Wheat specular Alzak reflector. (CP x .97)
- 70 SofTex clear reflector. (CP x .98)
- 71 SofTex Dune reflector. (CP x .95)
- 72 Black specular Alzak reflector. (CP x .87)
- 79 Extension collar for ceilings up to 2" thick.
- 91 SofTex Wheat reflector. (CP x .95)
- 93 Pewter specular Alzak reflector. (CP x .95)
- 94 Custom color/finish. Specify. Consult factory.

- OG OptiGroove black seamless tapered aluminum reflector. White trim, self-flanged. (CP x .90)
- SQ 6" Square self-flanged clear specular reflector instead. (Ceiling cut-out 6.75" sq.)

## Other

- 99 Special modification. Consult factory.
- LP With lamp. Specify wattage, beam spread and style (PAR 30L; R30, BR30).

## SUBMITTAL DATA

JOB NAME

TYPE

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## APPROVAL STAMP