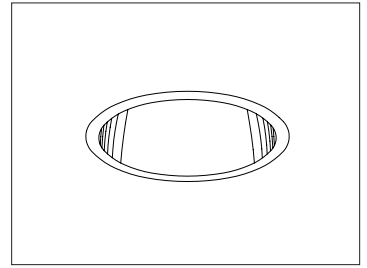


CATALOG #	TYPE
JOB NAME	WATTAGE VOLTAGE

6" 1 PAR 38 120 WATT MAXIMUM Type IC - IRR-06085

Type IC PAR 38 Halogen Downlight



Specifications

Lamp / Socket

- Designed for 1 vertical tungsten halogen lamp (by others): 250W maximum PAR 38.
- Rated 4200 hour life. 100 CRI.
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

Reflector

- Self-flanged parabolic specular Alzak® aluminum.
- Optional reflector finishes and colors 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.

- For top access, see Option -TA.
- 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 1/2" and 3/4" knockouts.
- Thermal protector (per current NEC) provides automatic cut-off if rated wattage 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).
- Type IC. Approved for direct contact with insulation.

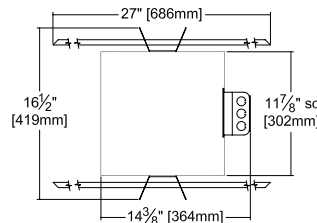
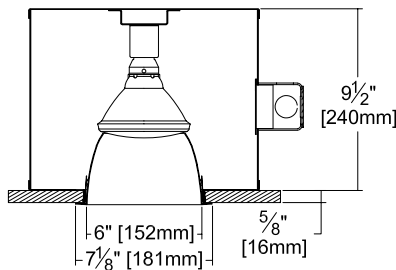
Three Year Limited Warranty

- Complete standard fixture.

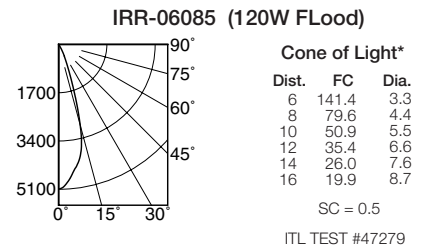
Recessed Round
Open
Single Reflector
Type IC

Performance at a Glance

IRR-06085: Type IC



Ceiling Cut-out
6 1/2" Dia.



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

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121 • www.kirlinlighting.com

TUNGSTEN HALOGEN & INCANDESCENT LIGHTING

MAXIMUM WATTAGE

120

CATALOG NUMBER

IRR-06085

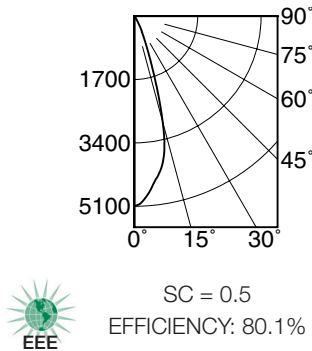
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

IRR-06085 (120 Watt)



CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	5092	5092	5092	5092	5092
5	4720	4720	4720	4720	4720
15	2936	2936	2936	2936	2936
25	525	525	525	525	525
35	64	64	64	64	64
45	23	23	23	23	23
55	0	0	0	0	0
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	92	90	89	87	85	84	83
2	89	86	84	81	82	80	79
3	86	82	79	77	79	77	75
4	83	79	76	73	76	74	72
5	81	76	72	70	74	71	69
6	78	73	69	67	71	68	66
7	76	70	67	64	69	66	64
8	73	68	65	62	67	64	62
9	71	66	62	60	65	62	60
10	69	64	60	58	63	60	58

ITL TEST #47279

Options

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 .80)
- 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 .82)

Other

- 99 Special modification. Consult factory.
- LP With PAR 38 lamp. Specify wattage and beam spread.
- TA Top access for servicing from above.

SUBMITTAL DATA

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

APPROVAL STAMP