

Type IC Versatile 6" Downlights

Features

Lamp / Socket

- Designed for:
 - RR30655: 75 watt (max.) PAR 30 tungsten halogen lamp (by others).
 - RR30656: 75 watt (max.) PAR 30L tungsten halogen lamp (by others). Also will accommodate R30/BR30 lamps.
- Rated 2000-2500 hour life; 100 CRI.
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

Reflector

- Self-flanged parabolic specular Alzak® aluminum.
- Eleven optional self-flanged colors and finishes available. See Options.

Housing

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

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

Outlet Box

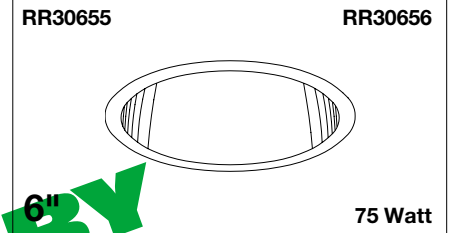
- Prewired 14GA (NEC) galvanized steel. UL listed. With removable insulated cover.
- 1/2" and 3/4" knockouts.

Installation

- 27" galvanized hanger bars supplied (2).
- Fully adjustable universal galvanized mounting brackets supplied (2). Accepts 3/4" or 1-1/4" lathers channel or 1/2" T.S. conduit.
- Recesses indoor or outdoor in covered ceilings.

UL, C-UL (Canada) Listings

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



6"

75 Watt

Type IC - Approved for Direct Contact with Insulation Designed for PAR 30 and PAR 30L Sources

Narrow Beam of 100 CRI Light 11 Optional Reflector Finishes

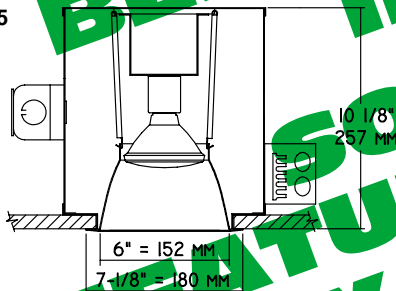
- Type IC - Approved for direct contact with insulation.

Three Year Limited Warranty

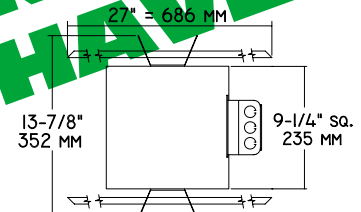
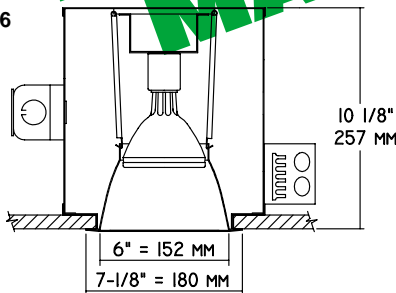
- Complete standard fixture.
- Thermal Protection (Per Current NEC)**
- Thermal protector included which provides automatic cut-off if rated wattage is exceeded.

Performance at a Glance

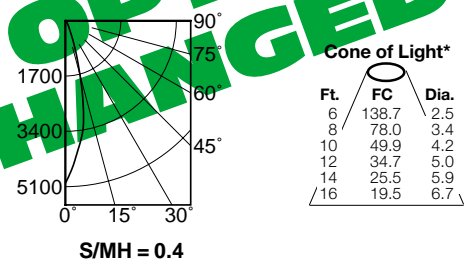
RR30655



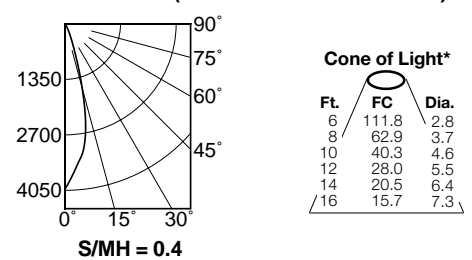
RR30656



RR30655 (75W Narrow Flood Shown)



RR30656 (75W Narrow Flood Shown)



Cone of Light Key
Ft. 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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NEW MILLENNIUM

TUNGSTEN HALOGEN and
INCANDESCENT LIGHTING

LAMP

PAR 30
PAR 30L

MAXIMUM WATTAGE

75
75

CATALOG NUMBERS

RR30655
RR30656

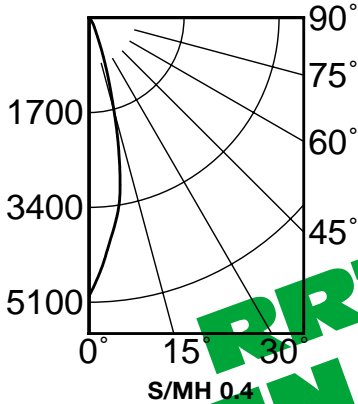
Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) RR30655 (75W NFL): TEST # 46932
RR30656 (75W NFL): TEST # 46933

RR30655 75W NFL

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION



	0.0	22.5	45.0	67.5	90.0
0	4992	4992	4992	4992	4992
5	4083	4083	4083	4083	4083
15	1727	1727	1727	1727	1727
25	309	309	309	309	309
35	99	99	99	99	99
45	16	16	16	16	16
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

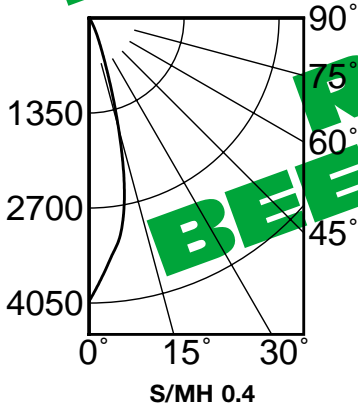
RF	20						
	80			50			
RC	0	50	30	10	50	30	10
1	114	112	110	108	106	104	103
2	110	107	104	101	102	100	98
3	107	102	98	95	98	95	93
4	103	98	94	91	95	92	89
5	100	94	90	87	92	88	86
6	97	91	87	84	89	85	83
7	94	88	84	81	86	83	80
8	92	85	81	78	84	80	77
9	89	82	78	75	81	78	75
10	87	80	76	73	79	75	73

S/MH 0.4
EFFICIENCY = 99.1%

RR30656 75W NFL

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION



	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

RF	20						
	80			50			
RC	0	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

S/MH 0.4
EFFICIENCY = 98.1%

Estimated Multipliers

- 69 Wheat Alzak: CP x .97
- 70 SofTex Clear: CP x .98
- 71 SofTex Dune: CP x .95
- 72 Black Alzak: CP x .87
- 90 SofTex Champagne Gold: CP x .96
- 91 SofTex Wheat: CP x .95
- 93 Pewter Alzak: CP x .95
- OG Black OptiGroove: CP x .90

Options

- 16 Champagne Gold specular Alzak self-flanged reflector. (CP x .98)
- 30 All white reflector, self-flanged. (CP x .98)
- 31 White flange (only) on self-flanged reflector.
- 32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
- 45 Gasket above reflector flange. Stops dust streaks on ceiling.
- 63 Dune specular Alzak self-flanged reflector. (CP x .97)

- 69 Wheat specular Alzak self-flanged reflector. (CP x .97)
- 70 SofTex Clear softly etched self-flanged reflector. Resists smudges. (CP x .98)
- 71 SofTex Dune softly etched self-flanged reflector. Resists smudges. (CP x .95)
- 72 Black specular Alzak self-flanged reflector. (CP x .87)
- 79 Extension collar for up to 2" thick ceilings.
- 82 Sloped ceiling adapter. Specify slope in 5° increments up to 30°.
- 90 SofTex Champagne Gold softly etched self-flanged reflector. Resists smudges. (CP x .96)
- 91 SofTex Wheat softly etched self-flanged reflector. Resists smudges. (CP x .95)
- 93 Pewter specular Alzak self-flanged reflector. (CP x .95)
- 94 Specular or SofTex custom color / finish reflector, self-flanged. Consult factory.
- 99 Special modification. Consult factory.
- LP With lamp. Specify wattage, beam spread, style (PAR 30, 30L; R30, BR30) and color temperature.
- OG OptiGroove black seamless tapered aluminum reflector. White trim, self-flanged. (CP x .90)

SUBMITTAL DATA

APPROVAL STAMP

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

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION, ETC., IS NORMAL USE. Manufacturer at this 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 the first year of original purchase. 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 for the fixture placed at other than the manufacturer's premises, expressed or implied. Seller does not warrant as to merchantability or fitness for a particular purpose. Manufacturer will stand by the warranty only.