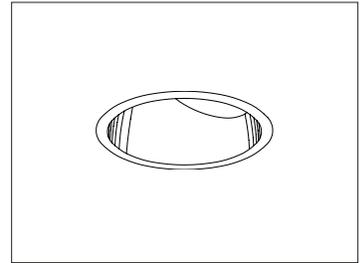


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

4" 1 PAR30 75 WATT MAXIMUM

RR00435

MRI Open Mini 4" Adjustable



Features

Lamp

- Designed for **non-magnetic** medium base GE or Osram-Sylvania lamp:
75 watt (max.) PAR 30S spot/flood tungsten halogen (by others). Rated 2000-2500 hour life.
- Dimmable (controls by others).
- For operation on D.C. circuits.

Non-Ferrous Socket

- Swivels 360° and tilts up to 40°.
- Glazed porcelain medium base. Nickel plated brass screw shell. Silicone leads.

Trim

- Self-flanged SofTex™ softly etched Alzak® aluminum reflector. Optional colors, finishes available.
- Non-magnetic springs; snug fit to ceiling.

Housing

- Cool. Acrylic enameled 100% aluminum.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.

- 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. 100% aluminum. UL listed.
- Accessible. 1/2" and 3/4" knockouts.

Installation

- Lightweight. Recesses in any ceiling type.
- 27" aluminum hanger bars supplied (2).
- Fully adjustable universal non-magnetic mounting brackets supplied (2).

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (up to 6 #12). Supply wire rating: 90°C.

Three Year Limited Warranty

- Complete standard fixture.

Thermal Protection (Per Current NEC)

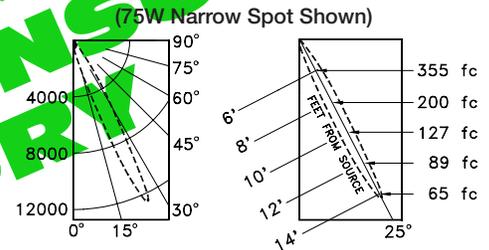
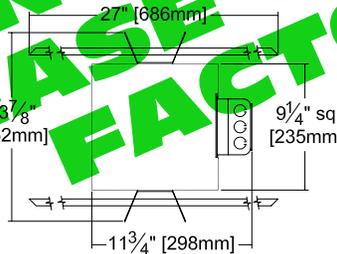
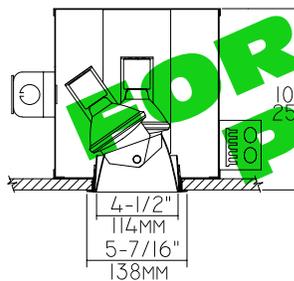
- Thermal protector included which provides automatic cut-off if rated temperature is exceeded. (Insulation related)

Recessed Round
Adjustable
MRI

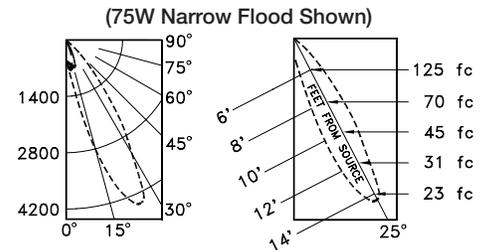
NOT RESTRICTED TO END-OF-RUN USE

Performance at a Glance

RR00435



EFFICIENCY: 78.8%
(Data collected with lamp tilted at 25°)



EFFICIENCY: 80.2%
(Data collected with lamp tilted at 25°)

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

HEALTHCARE FACILITY
& PATIENT LIGHTING

MAXIMUM WATTAGE

1 PAR30 75

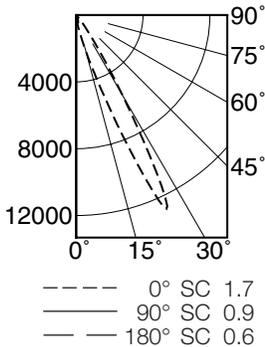
CATALOG NUMBER

RR00435

Detailed Photometry - Installed Fixture

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

RR00435 (75 Watt Narrow Spot)



EFFICIENCY : 78.8%

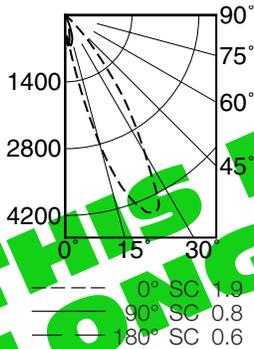
CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	295	295	295	295	295
5	300	275	375	400	400
15	2248	649	462	350	275
25	12787	524	150	75	75
35	1424	100	12	12	25
45	75	0	0	0	0
55	0	0	0	0	0
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

Data collected with lamp tilted at 25°

COEFFICIENTS OF UTILIZATION							
RF	20						
	80			50			
RC	70	50	30	10	50	30	10
1	90	87	86	84	83	81	80
2	85	81	78	76	78	75	73
3	81	76	72	69	73	70	67
4	77	71	67	63	68	65	62
5	73	66	62	58	64	60	58
6	69	62	57	54	60	56	53
7	66	58	53	50	57	53	50
8	62	55	50	47	53	49	46
9	59	51	47	43	50	46	43
10	56	48	44	40	47	43	40

ITL TEST #46950

RR00435 (75 Watt Narrow Flood)



EFFICIENCY : 80.2%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	502	502	502	502	502
5	465	465	543	602	633
15	2794	865	559	339	313
25	4523	639	148	64	68
35	2164	133	26	21	23
45	373	19	8	6	8
55	23	3	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

Data collected with lamp tilted at 25°

COEFFICIENTS OF UTILIZATION							
RF	20						
	80			50			
RC	70	50	30	10	50	30	10
1	91	89	87	85	84	82	81
2	86	83	79	77	79	76	74
3	82	77	73	70	74	71	68
4	78	72	67	64	69	66	63
5	74	67	62	59	65	61	58
6	70	63	58	54	61	57	54
7	66	59	54	50	57	53	51
8	62	55	50	47	54	51	47
9	60	52	47	44	51	46	43
10	57	49	44	41	48	44	41

ITL TEST #46949

Options

- 30 All white self-flanged reflector.
- 31 White flange (only) on self-flanged reflector.
- 32 Trim extender. Broadens trim flange O.D. by 1".
- 45 Gasket above reflector / trim flange.
- 62 Clear specular Alzak® self-flanged reflector.
- 79 Extension collar for up to 2" thick ceiling.
- 94 Custom color. Specify parts. Consult factory.
- 99 Special modification. Consult factory.
- LP With PAR lamp. Specify wattage, style and beam spread.

SUBMITTAL DATA

APPROVAL STAMP

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

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLLED TO N.E.C. 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 at the office of manufacturer within three years 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.