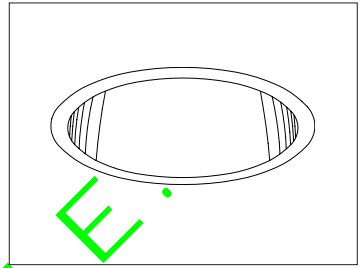


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

6" 1 A21 150 WATT MAXIMUM

RR00626

Versatile 6" Aperture Incandescent Illumination for MRI Non-Ferrous Use



Features

Non-Magnetic Lamp/Socket

- Designed for:
 - 150 watt (max.) frosted A21 (by others). Vertical.
- Dimmable (controls by others).
- For operation on D.C. circuits.
- Glazed porcelain medium base socket. Nickel plated brass screw shell. Silicone leads.

Reflector

- Self-flanged SofTex™ softly etched Alzak® aluminum reflector. Resists smudges, fingerprints, and dust.
- 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. 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

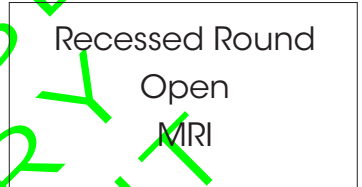
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (up to 6 #12). Supply wire rating: 90°C.

Three Year Limited Warranty

- Complete standard fixture.

Thermal Protection (Per Current NEC)

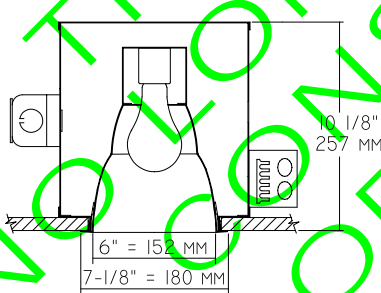
- Thermal protector included which provides automatic out-off if rated temperature is exceeded. (Insulation related)



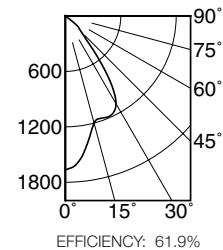
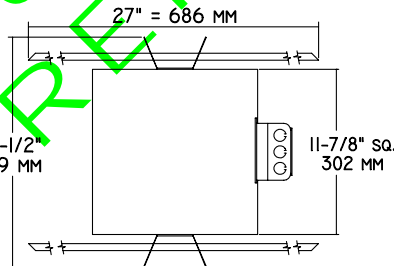
NOT RESTRICTED TO END-OF-RUN USE

Performance at a Glance

RR00626



Ceiling Cut-out
6 1/2"



Cone of Light*

Dist.	FC	Dia.
6	46.3	6.0
8	26.0	8.0
10	16.6	10.0
12	11.6	12.0
14	8.5	14.0
16	6.5	16.0

SC 1.0

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.

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 A21 150

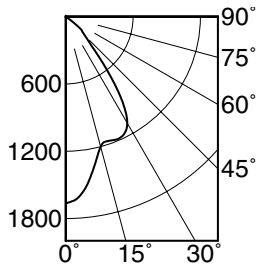
CATALOG NUMBER

RR00626

Detailed Photometry - Installed Fixture

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

RR00626 (150 Watt)



SC 1.0

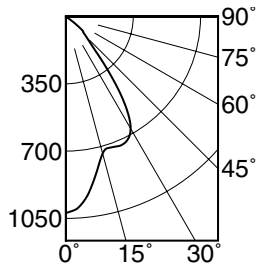
EFFICIENCY : 61.9%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	1665	1665	1665	1665	1665
5	1588	1588	1588	1588	1588
15	1201	1201	1201	1201	1201
25	1180	1180	1180	1180	1180
35	816	816	816	816	816
45	246	246	246	246	246
55	5	5	5	5	5
65	1	1	1	1	1
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
	80			50			
RC	70	50	30	10	50	30	10
1	70	68	67	65	64	63	62
2	66	63	60	58	60	58	56
3	62	58	55	52	56	53	51
4	59	54	50	47	52	49	46
5	56	50	46	43	48	45	42
6	52	46	42	39	45	42	39
7	49	43	39	36	42	38	36
8	47	40	36	33	39	36	33
9	44	38	34	31	37	33	31
10	42	35	31	29	35	31	29

ITL TEST #46966

RR00626 (100 Watt)



SC 1.0

EFFICIENCY : 61.9%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	1022	1022	1022	1022	1022
5	975	975	975	975	975
15	738	738	738	738	738
25	725	725	725	725	725
35	501	501	501	501	501
45	151	151	151	151	151
55	3	3	3	3	3
65	1	1	1	1	1
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
	80			50			
RC	70	50	30	10	50	30	10
1	70	68	67	65	64	63	62
2	66	63	60	58	60	58	56
3	62	58	55	52	56	53	51
4	59	54	50	47	52	49	46
5	56	50	46	43	48	45	42
6	52	46	42	39	45	42	39
7	49	43	39	36	42	38	36
8	47	40	36	33	39	36	33
9	44	38	34	31	37	33	31
10	42	35	31	29	35	31	29

ITL TEST #47289

Options

- 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. (Minimizes dust streaks on ceiling.)
- 62 Clear specular Alzak® self-flanged reflector.
- 79 Extension collar for up to 2" thick ceiling.
- 94 Softex or specular custom color / finish self-flanged reflector. Consult factory.
- 99 Special modification. Consult factory.
- SG ShatterGuard™ tempered clear glass shield beneath lamp.

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 purchaser 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.