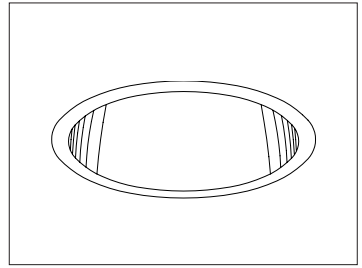


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

6" 1 A21 150 WATT MAXIMUM

RR00627

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



### Features

#### Non-Magnetic Lamp/Socket

- Designed for:
  - 150 watt (max.) frosted A21 (by others). Horizontal.
- 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)

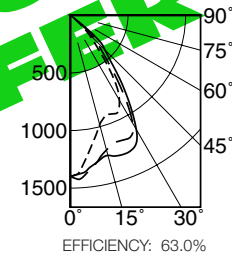
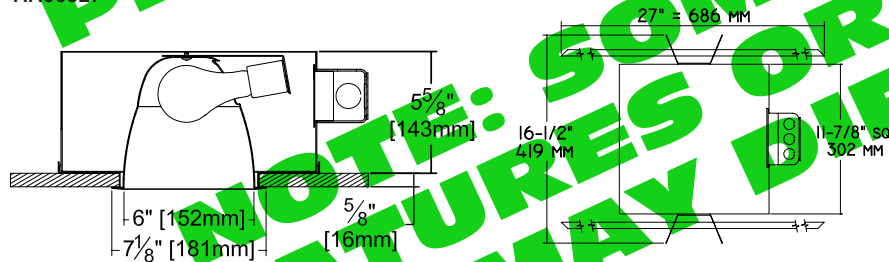
- Thermal protector included which provides automatic cut-off if rated temperature is exceeded. (Insulation related).

Recessed Round  
Open  
Shallow Plenum  
MRI

NOT RESTRICTED TO END-OF-RUN USE

### Performance at a Glance

RR00627



#### Cone of Light\*

Dist.	FC	Dia.
6	38.9	6.9
8	21.9	9.2
10	14.0	11.5
12	9.7	13.8
14	7.1	16.1
16	5.5	18.4

--- 0° SC 0.9  
--- 90° SC 1.2  
--- 180° SC 1.2

Ceiling Cut-out  
6 1/2"

#### Cone of Light Key

- FC 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

RR00627

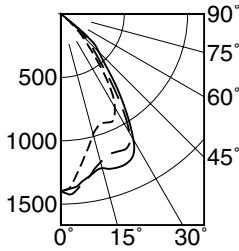
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

RR00627 (150 Watt)



--- 0° SC 0.9  
 — 90° SC 1.2  
 — 180° SC 1.2

EFFICIENCY : 63.0%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1399	1399	1399	1399	1399
5	1295	1316	1369	1386	1397
15	982	1112	1259	1334	1210
25	940	1121	1290	1254	1182
35	632	785	855	850	759
45	214	363	423	414	322
5	3	3	4	4	3
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

PERCENTS OF UTILIZATION							
RF	20		50		10		
RC	70	80	90	100	110		
RW	70	80	90	100	110		
1	71	69	68	66	65	64	63
2	67	64	61	59	61	59	57
3	63	59	55	53	56	54	51
4	60	54	51	48	52	49	47
5	56	50	46	43	48	45	43
6	53	47	42	39	45	42	39
7	50	43	39	36	42	38	36
8	47	40	36	33	39	36	33
9	44	38	33	31	37	33	30
10	42	35	31	28	34	31	28

ITL TEST #47529

**THIS FIXTURE IS NO LONGER AVAILABLE FOR AN ALTERNATIVE PLEASE SEE FIXTURE RR00626**

**NOTE: SOME DESIGN FEATURES OR OPTIONS MAY DIFFER**

Options

- 31 White flange (only) on self-flanged reflector.
- 32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
- 33 Decorative Glow Ring suspended trim assembly. See page 5, Kirlin Renaissance Series CF (Bulletin 05FL) Catalog. Consult factory.
- 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.

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 THE LIFE OF THE FIXTURE. THE WARRANTY IS LIMITED TO THE ORIGINAL PURCHASER AND DOES NOT COVER DAMAGE TO THE FIXTURE CAUSED BY IMPROPER INSTALLATION, REPAIR, OR MODIFICATION OF THE FIXTURE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE MANUFACTURER. THE WARRANTY WILL RENDER THE WARRANTY VOID.