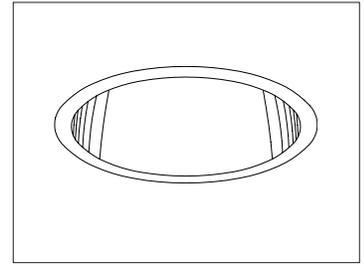


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

7" 1 A23 200 WATT MAXIMUM

RR00728

Versatile 7" Aperture Incandescent Illumination for MRI Non-Ferrous Use



Recessed Round
Open
MRI

Features

Non-Magnetic Lamp/Socket

- Designed for: 200 watt (max.) frosted A23 (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.

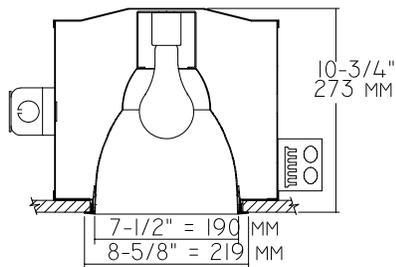
Thermal Protection (Per Current NEC)

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

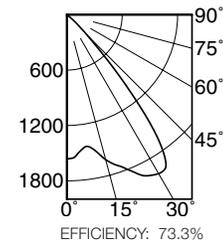
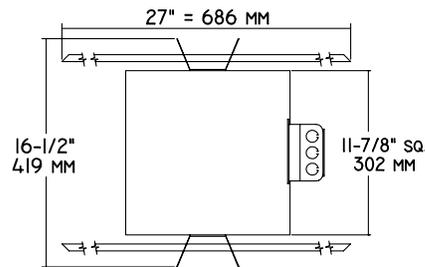
NOT RESTRICTED TO END-OF-RUN USE

Performance at a Glance

RR00728



Ceiling Cut-out
8"



Cone of Light*

Dist.	FC	Dia.
6	43.4	9.1
8	24.4	12.1
10	15.6	15.1
12	10.9	18.2
14	8.0	21.2
16	6.1	24.2

SC 1.2

* Dia. (in ft.) shown is where FC value is half the FC at nadir.

Cone of Light Key
Ft. Distance from fixture
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC

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 A23 200

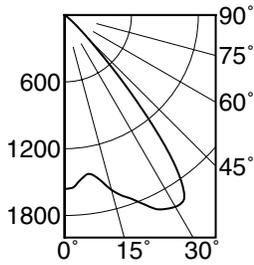
CATALOG NUMBER

RR00728

Detailed Photometry - Installed Fixture

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

RR00728 (200 Watt)



SC 1.2

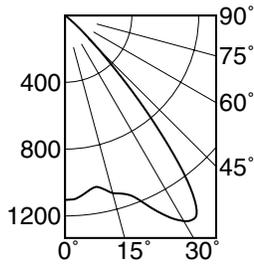
EFFICIENCY : 73.3%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	5563	5563	5563	5563	5563
5	1497	1497	1497	1497	1497
15	1625	1625	1625	1625	1625
25	1919	1919	1919	1919	1919
35	1828	1828	1828	1828	1828
45	311	311	311	311	311
55	15	15	15	15	15
65	5	5	5	5	5
75	2	2	2	2	2
85	1	1	1	1	1
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
	80				50		
RC	70	50	30	10	50	30	10
1	83	80	78	77	76	74	73
2	78	74	71	68	70	68	66
3	73	68	64	61	65	62	59
4	69	63	58	55	60	57	54
5	65	58	53	50	56	52	49
6	61	53	49	45	52	48	44
7	57	49	44	41	48	44	41
8	54	46	41	37	45	40	37
9	51	43	38	34	41	37	34
10	48	40	35	32	39	34	31

ITL TEST #46968

RR00728 (150 Watt)



SC 1.2

EFFICIENCY : 72.4%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	1104	1104	1104	1104	1104
5	1085	1085	1085	1085	1085
15	1100	1100	1100	1100	1100
25	1289	1289	1289	1289	1289
35	1354	1354	1354	1354	1354
45	279	279	279	279	279
55	5	5	5	5	5
65	3	3	3	3	3
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	82	80	78	76	75	74	72
2	77	73	70	67	69	67	65
3	72	67	63	60	64	61	58
4	68	62	57	54	59	56	53
5	64	57	52	49	55	51	48
6	60	52	48	44	51	47	43
7	56	48	43	40	47	43	40
8	53	45	40	36	44	39	36
9	50	42	37	33	40	36	33
10	47	39	34	31	38	33	30

ITL TEST #47259

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 SoftTex 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. INSTALLED 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.