

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

11" x 11" 1 A23 200 WATT MAXIMUM

RS01145

MRI Recessed K-Lens Square: Efficient and Shallow

Features

Non-Magnetic Lamp/Socket

- Designed for: 200 watt (max.) A23 frosted incandescent lamp (by others).
- Dimmable (controls by others).
- For operation on D.C. circuits.
- Glazed porcelain medium base horizontal socket. Nickel plated brass screw shell. Silicone leads.

Reflector

- GlasSurfaced™ multi-faceted specular aluminum. Highly efficient.

Trim Assembly

- Tempered prismatic shock resisting spread Kirlin lens. See Options for other lens / trim.
- Non-magnetic rustfree polished nickel stainless door (304-L) and captive thumb screw. Slender with concealed hinges for fast relamping.
- Attractively beveled cast aluminum trim bezel to ensure close fit with door. White acrylic finish.

Housing

- Cool. Acrylic end cap. 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 hinged door.

Outlet Box

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

Installation

- Lightweight. Recesses in any ceiling type. For wet plaster, see Option -47.
- 27" aluminum hanger bars supplied.
- Fully adjustable universal non-magnetic mounting brackets supplied (2).

UL C-UL (Canada) Listing

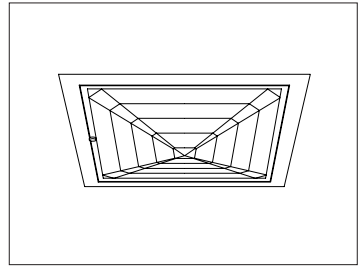
- Wet, damp or dry locations, covered ceilings.
- Temperature and circuit configuration limited to 60°C (140°F). Supply wire range 14 AWG to 6 AWG (2).

Three Year Limited Warranty

- Complete standard fixture.

Thermal Protection (Per Current NEC)

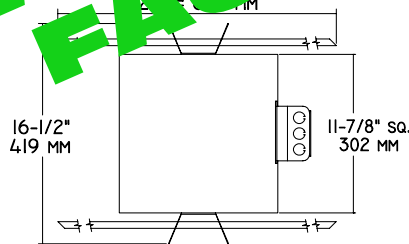
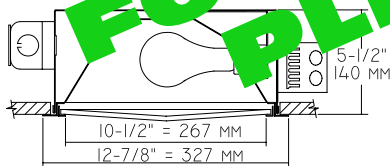
- Thermal protector included which provides automatic cut-off if rated temperature is exceeded. (Insulation related.)



THIS FIXTURE IS NO LONGER AVAILABLE FOR AN ALTERNATIVE PLEASE CONSULT FACTORY

Performance at a Glance

RS01145

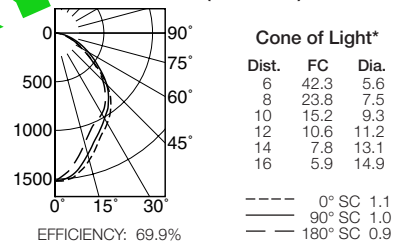


Ceiling Cut-out
12 1/4" Sq.

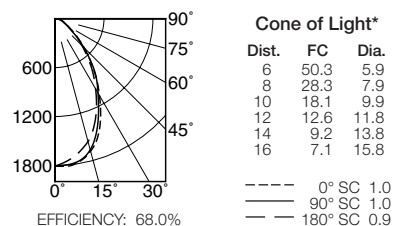
Cone of Light Key
Ft. Distance from fixture
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC

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

RS01145 (200 Watt)



RS01145-15 (200 Watt)



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

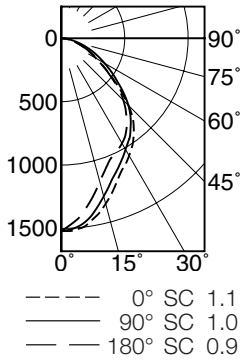
RS01145

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

Detailed Photometry - Installed Fixture

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

RS01145 (200 Watt)



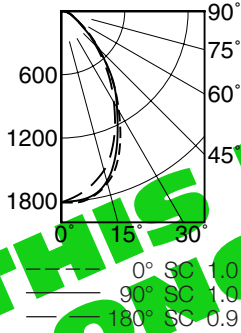
EFFICIENCY : 69.9%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1521	1521	1521	1521	1521
5	1510	1517	1492	1458	1435
15	1351	1316	1291	1207	1171
25	1140	1000	1094	927	1002
35	988	720	944	689	892
45	748	516	748	507	692
55	428	353	501	341	430
65	236	215	304	210	243
75	111	109	144	106	111
85	29	34	40	34	31
90	5	8	13	10	10

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80			50			
RW	70	50	30	10	50	30	10
1	90	88	87	86	84	83	82
2	87	85	82	81	81	79	78
3	85	81	79	77	78	76	75
4	82	78	76	73	76	74	72
5	80	76	73	71	74	72	70
6	78	74	70	68	72	70	68
7	76	71	68	66	70	68	66
8	74	70	67	65	69	66	64
9	73	68	65	63	67	64	63
10	71	66	63	62	66	63	61

ITL TEST #47027

RS01145-15 (200 Watt)



EFFICIENCY : 68.0%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1809	1809	1809	1809	1809
5	1815	1820	1798	1774	1750
15	1683	1718	1665	1628	1560
25	1322	1397	1261	1321	1202
35	877	953	879	887	808
45	592	529	496	492	466
55	257	279	233	264	243
65	132	141	132	136	127
75	79	83	79	81	77
85	22	23	24	23	24
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80			50			
RW	70	50	30	10	50	30	10
1	76	73	71	69	69	67	65
2	70	66	62	59	62	59	57
3	65	60	55	52	57	53	50
4	61	54	49	46	52	48	45
5	57	50	45	41	48	43	40
6	53	46	41	37	44	40	36
7	50	42	37	34	41	36	33
8	47	39	34	31	38	34	30
9	44	36	32	28	35	31	28
10	42	34	29	26	33	29	26

ITL TEST #47026

Options

- 14 Dropped Anopal glass. 1-1/4" deep. Not enameled.
- 15 Tempered prismatic flat C#73 lens instead.
- 18 Anopal flat glass. Not enameled. Diffusing.
- 20 Louver, aluminum, egg-crate. 1/2" cube. White.
- 27 Clear 1/4" tempered glass with C#73 above for added vandal resistance.
- 32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
- 45 Gasket between trim and ceiling.
- 46 Gasket between lens and trim.
- 94 Custom color frame finish. Consult factory.
- 99 Special modification. Consult factory.
- DH Drop Holophane tempered lens instead.
- TC Teflon safety coating for standard or -15 lens. Consult factory for other lenses.

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 its option will replace or repair each fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices 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 in the box 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.

THIS FIXTURE IS NO LONGER AVAILABLE FOR AN ALTERED PRICE PLEASE CONTACT FACTORY