

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

9" 1 A21 150 WATT MAXIMUM

ISR-09143

Regressed Lens Shallow Cylinders

Specifications

Lamp / Socket

- Designed for one horizontal frosted incandescent lamp (by others): 150W maximum A21.
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

Reflector

- Specular Alzak® aluminum.

Trim Assembly

- Tapered aluminum one piece black OptiGroove with white flange or all white smooth self-flanged trim (Option -40).
- Regressed tempered prismatic C#73 glass lens.
- Optional lenses and trims available.

Aluminum Housing

- Seamless white acrylic enameled. Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.

- No visible cylinder hardware.
- Lightweight: Minimizes ceiling load.
- Cool operation: Extends component life.

Installation

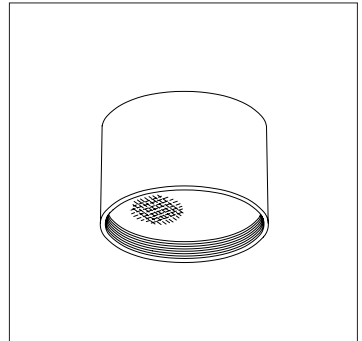
- Center point mounting for snug fit to ceiling. Mounting hardware included.
- 2" collar for surface J-box mount (Option -80).
- Pendant or wall bracket mount available. (See Options -PM, -WB).
- Indoor or outdoor for covered ceiling use. For wet label in uncovered areas, add Option -89.

UL, C-UL (Canada) Listings

- Wet, damp or dry locations - covered ceilings.
- With Option -89: Wet, damp or dry locations - uncovered areas.
- 90°C minimum supply wire.

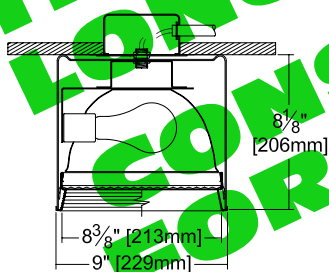
Three Year Limited Warranty

- Complete standard fixture.



Performance at a Glance

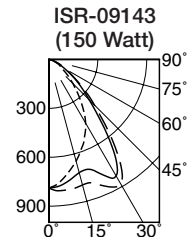
ISR-09143



Option -40
Also Shown



Exceptional
Energy
Efficiency



----- 0° SC 0.9
----- 90° SC 1.4
----- 180° SC 1.4

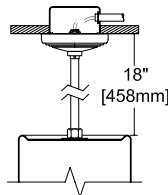
EFFICIENCY: 53.9%
ITL TEST #46995

Cone of Light*

Dist.	FC	Dia.
6	21.9	8.0
8	12.3	10.7
10	7.9	13.4
12	5.5	16.0
14	4.0	18.7
16	3.1	21.4

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

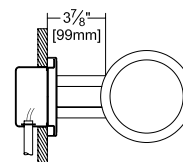
* Dia. (in ft.) shown is where FC value is half the FC at nadir.



Representative Views:

(Left) With optional pendant mount (Option -PM)

(Right) With optional wall bracket (Option -WB)



THE KIRLIN COMPANY

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TUNGSTEN HALOGEN &
INCANDESCENT LIGHTING

MAXIMUM WATTAGE

150

CATALOG NUMBER

ISR-09143

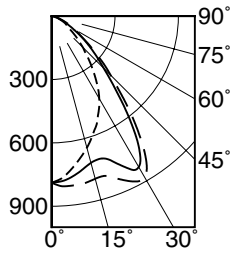
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

ISR-09143 (150 Watt)



--- 0° SC 0.9
 — 90° SC 1.4
 - · - 180° SC 1.4



EFFICIENCY : 53.9%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	789	789	789	789	789
5	756	755	778	800	808
15	645	662	719	774	797
25	519	625	780	863	861
35	365	502	698	787	756
45	209	275	349	420	395
55	103	436	176	192	179
65	58	63	74	81	83
75	15	17	19	22	21
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	60	58	56	55	55	53	52
2	56	52	50	47	50	47	45
3	52	47	44			42	40
4	48	43				38	35
5	45	39		32	37	34	31
6	42	36	31	28		31	28
7		33	28	26		28	25
8	36	30		23	29	25	23
9	34			21	27	23	21
10		22		19	25	21	19

ITL TEST #46995

THIS FIXTURE IS NO LONGER AVAILABLE FOR REPLACEMENT

Options

Lenses and Trims

- 18 Opal flat glass. Not etnaemled. Diffusing.
- 20 White 1/2" cube eggcrate aluminum louver.
- 40 White grooveless flare trim (CP x 1.10)
- 45 Gasket between housing and trim.
- 46 Gasket between trim and lens.
- FR Fresnel tempered glass lens.
- HO Holophane concave prismatic tempered lens.

Luminaire (Housing) Finishes

- 35 Natural aluminum acrylic enamel.
- 36 Gold acrylic enamel.
- 37 Dark Bronze acrylic enamel.

- 38 Black acrylic enamel.
- 94 Custom color/finish. Specify. Consult factory.

Mounting

- 54 Safety cable through pendant stem and 12" beyond. Use with -PM.
- 80 2" collar for mounting beneath surface outlet box. 1/2" T.S. KO's.
- 87 Custom pendant / wall bracket length. Specify. (Pendant length up to 4' or consult factory.) Use with Options -PM or -WB.
- 88 Swivel canopy for sloped ceilings up to 40°. Earthquake rated. Use with -PM.

- 89 Sealed top WeatherCap. Must add to Options -PM and -WB for wet label listing.
- PM Pendant mount. 3/8" T.S. x 18" stem or see Option -87. Must add Option -89 for wet label listing. Also see -88.
- QM QuickConnect mount for indoor (damp or dry) use only.
- WB Wall bracket mount. Must add Option -89 for wet label listing.

Other

- 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 THREE YEARS FROM DATE OF PURCHASE. INSTALL TO N.E.C. IN NORMAL USE. Manufacturer of the fixture will replace or repair such 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 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.