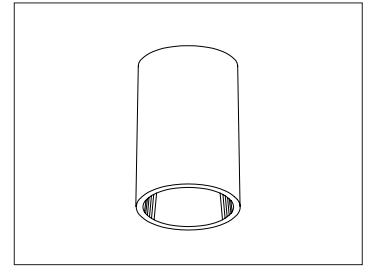


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

9" 1 T2.5 350 WATT MAXIMUM

ISR-09053

High Efficiency HIR™ Open Appearance Downlight Cylinder



Specifications

Lamp

- Designed for horizontal double-ended RSC HIR™ tungsten halogen lamp (by others): 350W (T2.5) maximum. Rated 2000 hours, 10,000 initial lumens.
- Dimmable (controls by others).

Socket

- Horizontal. Double ended RSC R7s base.
- Porcelain body. Silicone leads.

Reflectors

- Upper: Ellipsoidal specular Alzak® aluminum.
- Lower: Low brightness parabolic specular Alzak aluminum, self-flanged.
- Optional reflector finishes and colors available.

Lens

- Tempered C#73 prismatic glass lens mounted to upper reflector.
- Integral power cut-off microswitch included for relamping safety.

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.

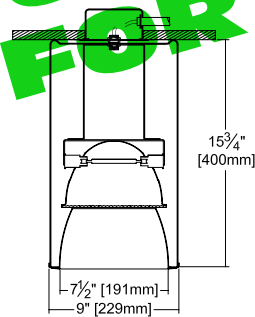
Three Year Limited Warranty

- Complete standard fixture.

Surface Round
Open
Appearance
Dual Reflector

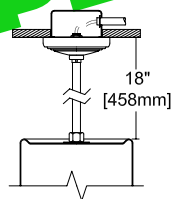
Performance at a Glance

ISR-09053



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

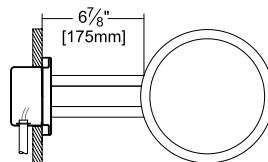
* Dia. (in ft.) shown is where FC value is half the FC at nadir.



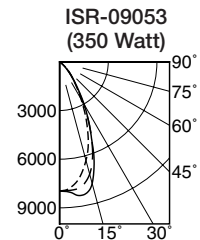
Representative Views:

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

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



**Exceptional
Energy
Efficiency**



--- 0° SC 0.8
 --- 45° SC 0.8
 --- 90° SC 0.8

EFFICIENCY: 64.3%
 ITL TEST #58754

Cone of Light*

Dist.	FC	Dia.
6	221.2	5.0
8	124.4	6.6
10	79.6	8.3
12	55.3	10.0
14	40.6	11.6
16	31.1	13.3

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

**TUNGSTEN HALOGEN &
INCANDESCENT LIGHTING**

MAXIMUM WATTAGE

350

CATALOG NUMBER

ISR-09053

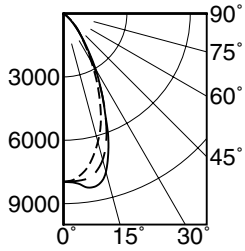
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

ISR-09053 (350 Watt)



--- 0° SC 0.8
 --- 45° SC 0.8
 --- 90° SC 0.8

EFFICIENCY : 64.3%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	7963	7963	7963	7963	7963
5	7769	7835	7946	8059	8085
15	6286	6550	7166	7650	7763
25	3857	3982	4402	4668	4384
35	1722	1722	1784	1853	1884
45	724	712	681	633	588
55	62	58	51	46	41
65	3	3	3	3	3
75	2	1	1	1	2
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION								
RF	20							
	80				50			
	RW	70	50	30	10	50	30	10
1	73	71	70	68	67	66	65	
2	70	66	64	62	60	61	60	
3	66	62	59	56	55	57	55	
4	63	58	55	52	50	53	51	
5	60	54	51	48	53	50	47	
6	57	51	47	45	50	47	44	
7	54	48	44	42	47	44	41	
8	52	46	42	39	44	41	39	
9	49	43	39	37	42	39	37	
10	47	41	37	35	40	37	35	

ITL TEST #58754

THIS FIXTURE IS NO LONGER AVAILABLE. CONSULT FACTORY FOR REPLACEMENT

Options

Trims

- 16 Champagne Gold specular Alzak lower cone. (CP x .95)
- 30 All white lower cone. (CP x .95)
- 63 Dune specular Alzak lower cone. (CP x .93)
- 69 Wheat specular Alzak lower cone. (CP x .92)
- 70 Softex clear lower cone. (CP x .92)
- 71 Softex Dune lower cone. (CP x .89)
- 72 Black specular Alzak lower cone. (CP x .77)
- 91 Softex Wheat lower cone. (CP x .88)
- 93 Pewter specular Alzak lower cone. (CP x .88)
- 94 Custom color/finish. Specify. Consult factory.
- OG OptiGroove black seamless tapered aluminum lower cone. White trim, self-flanged. (CP x .83)

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.
- LP With lamp. Specify wattage.

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.