

Slender 9" Cylinder for Retail, Church, Atrium Lighting

Specifications

Lamp

- Designed for 1 vertical frosted T4 tungsten halogen lamp (by others): 250 watt maximum.

Lampholder

- Double contact bayonet. Heat resistant.
- Lamp socket bracket designed as heat sink.

Reflectors

- Upper: Specular Alzak® ellipsoidal aluminum for precise control of source.
- Lower: Low brightness clear specular parabolic Alzak aluminum cone, self-flanged.
- Optional self-flanged lower cone finishes and colors available.
- Radiation cooling by design.

Lens

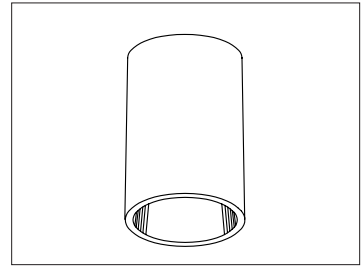
- Tempered MicroLux (microprismatic) lens mounted to upper reflector (0.4 SC). Optional tempered prismatic glass (Option -15 with 0.7 SC) or tempered clear glass (Option -28 with 0.2 SC) available.

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.
- Indoor or outdoor for covered ceiling use. For wet label in uncovered areas, add Option -89.



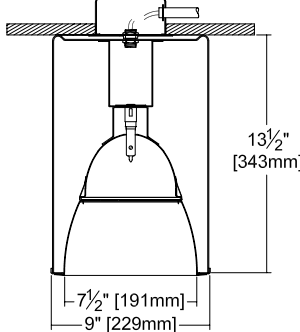
Surface Round
Open
Appearance

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.

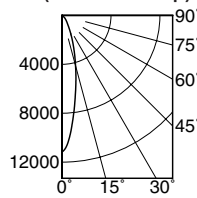
Performance at a Glance

ISR-09064



**Exceptional
Energy
Efficiency**

ISR-09064
(Frosted Lamp)



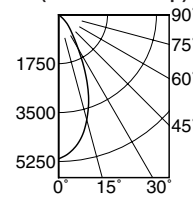
SC = 0.4

EFFICIENCY: 72.2%
ITL TEST #55794

Cone of Light*

Dist.	FC	Dia.
6	309.8	2.3
8	174.3	3.1
10	111.5	3.9
12	77.5	4.6
14	56.9	5.4
16	43.6	6.2

ISR-09064-15
(Frosted Lamp)



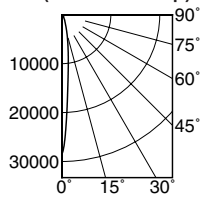
SC = 0.7

EFFICIENCY: 70.7%
ITL TEST #55791

Cone of Light*

Dist.	FC	Dia.
6	143.2	4.4
8	80.6	5.9
10	51.6	7.3
12	35.8	8.8
14	26.3	10.3
16	20.1	11.7

ISR-09064-28
(Frosted Lamp)



SC = 0.2

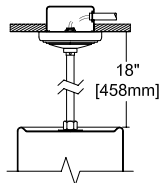
EFFICIENCY: 74.6%
ITL TEST #55793

Cone of Light*

Dist.	FC	Dia.
6	792.0	1.0
8	445.5	1.4
10	285.1	1.7
12	198.0	2.0
14	145.5	2.4
16	111.4	2.7

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

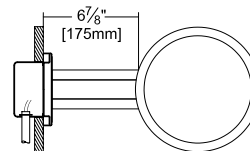
* Dia. (in ft.) shown is where FC value is half the FC at nadir.



Representative Views:

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

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



CAUTION: SINGLE ENDED T4 HALOGEN LAMPS MUST BE STARTED AT OR NEAR FULL VOLTAGE (120V) BEFORE DIMMING TO ENSURE MAXIMUM LIFE AND PERFORMANCE.

KIRLIN RECOMMENDS FROSTED T4 HALOGEN LAMPS BY USHIO, GE OR SYLVANIA ONLY

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

250

CATALOG NUMBER

ISR-09064

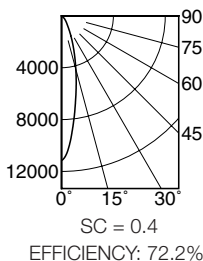
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

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Detailed Photometry - Installed Fixture

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

ISR-09064 (250 Watt)



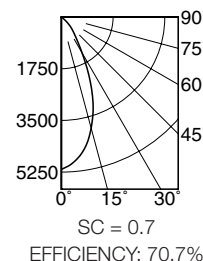
CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	11153	11153	11153	11153	11153
5	9105	9105	9105	9105	9105
15	4256	4256	4256	4256	4256
25	1714	1714	1714	1714	1714
35	704	704	704	704	704
45	342	342	342	342	342
55	26	26	26	26	26
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION									
RF	20								
RC	80								
RW	70	50	30	10	50	30	10		
1	82	81	79	77	76	75	74		
2	79	76	73	71	72	70	69		
3	75	71	68	66	68	66	64		
4	72	67	64	61	65	62	60		
5	69	64	60	57	62	59	57		
6	66	61	57	54	59	56	54		
7	64	58	54	51	56	53	51		
8	61	55	51	49	54	51	48		
9	59	53	49	47	52	49	46		
10	57	51	47	44	50	47	44		

ITL TEST #55794



ISR-09064-15 (250 Watt)



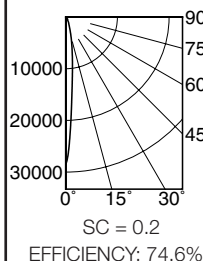
CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	5156	5156	5156	5156	5156
5	4921	4921	4921	4921	4921
15	3892	3892	3892	3892	3892
25	2225	2225	2225	2225	2225
35	881	881	881	881	881
45	369	369	369	369	369
55	13	13	13	13	13
65	2	2	2	2	2
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION									
RF	20								
RC	80								
RW	70	50	30	10	50	30	10		
1	80	79	77	75	74	73	72		
2	77	73	71	68	70	68	66		
3	73	69	65	63	66	63	61		
4	69	64	61	58	62	59	57		
5	66	61	57	54	59	55	53		
6	63	57	53	50	55	52	50		
7	60	54	50	47	52	49	47		
8	57	51	47	44	50	46	44		
9	55	48	44	42	47	44	41		
10	52	46	42	39	45	42	39		

ITL TEST #55791



ISR-09064-28 (250 Watt)



CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	28512	28512	28512	28512	28512
5	14037	14037	14037	14037	14037
15	4036	4036	4036	4036	4036
25	1409	1409	1409	1409	1409
35	627	627	627	627	627
45	323	323	323	323	323
55	18	18	18	18	18
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION									
RF	20								
RC	80								
RW	70	50	30	10	50	30	10		
1	85	84	82	81	79	78	77		
2	82	79	76	74	75	74	72		
3	79	75	72	69	72	70	68		
4	76	71	68	65	69	66	64		
5	73	68	64	62	66	63	61		
6	70	65	61	59	63	60	58		
7	68	62	59	56	61	58	56		
8	66	60	56	54	59	56	54		
9	63	58	54	52	57	54	52		
10	61	56	52	50	55	52	50		

ITL TEST #55793



Options

Wattage and Voltage

- 58 277/120 volt stepdown transformer for 277 volt line input, prewired into fixture.

Lenses and Trims

- 15 Tempered prismatic glass lens for medium (0.7 SC) distribution.
- 16 Champagne Gold specular Alzak lower cone. (CP x .95)
- 28 Tempered clear flat glass for narrowest (0.2 SC) distribution.
- 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 .80)
- 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.
- 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 length. Specify. (Pendant length up to 4' or consult factory.) Use with Option -PM.

- 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 frosted DCB lamp. Specify wattage and color temperature.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER