

Slender 9" Cylinders for Retail, Church, Atrium Lighting

Features

Lamp

- Designed for:
 - 1 vertical Q250 (max.) frosted tungsten halogen T-4.
- Double contact bayonet (DCB) base.
- Rated 2000 hour life; 100 CRI.
- Dimmable (controls by others).

Lampholder

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

Reflectors

- Upper: Specular Alzak® aluminum reflector for precise control of source.
- Lower: Low brightness clear specular parabolic Alzak aluminum cone, self-flanged.
- Ten optional self-flanged cone colors and finishes available. See Options.
- Radiation cooling by design.

Lens

- SR30920: Tempered MicroLux (microprismatic) lens mounted to upper reflector (0.5 S/MH). Optional tempered C#73 prismatic glass (Option -15 with 0.7 S/MH) or tempered clear glass (Option -28 with 0.2 S/MH) available.

- SR30921: Tempered C#73 prismatic glass lens mounted to upper reflector (0.9 S/MH).

Housing

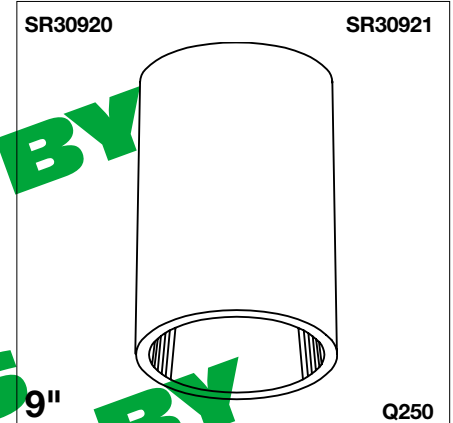
- Seamless, deep-drawn rigid aluminum. No visible hardware.
- White acrylic enameled finish standard. See Options for other colors.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Cool: Dissipates heat across all surface area.

Installation

- Center point mounting with snug fit to ceiling. Mounting hardware furnished.
 - Indoor or outdoor for covered ceiling use. (See Option -89 for use with -PM or -WB)
 - Pendant mount available. (Option -PM)
 - Wall bracket available. (Option -WB)
- UL, C-UL (Canada) Listings**
- Wet, damp or dry locations, covered ceilings. (See Option -89)
 - Caution: Use 90°C supply wire to outlet box above.

Three Year Limited Warranty

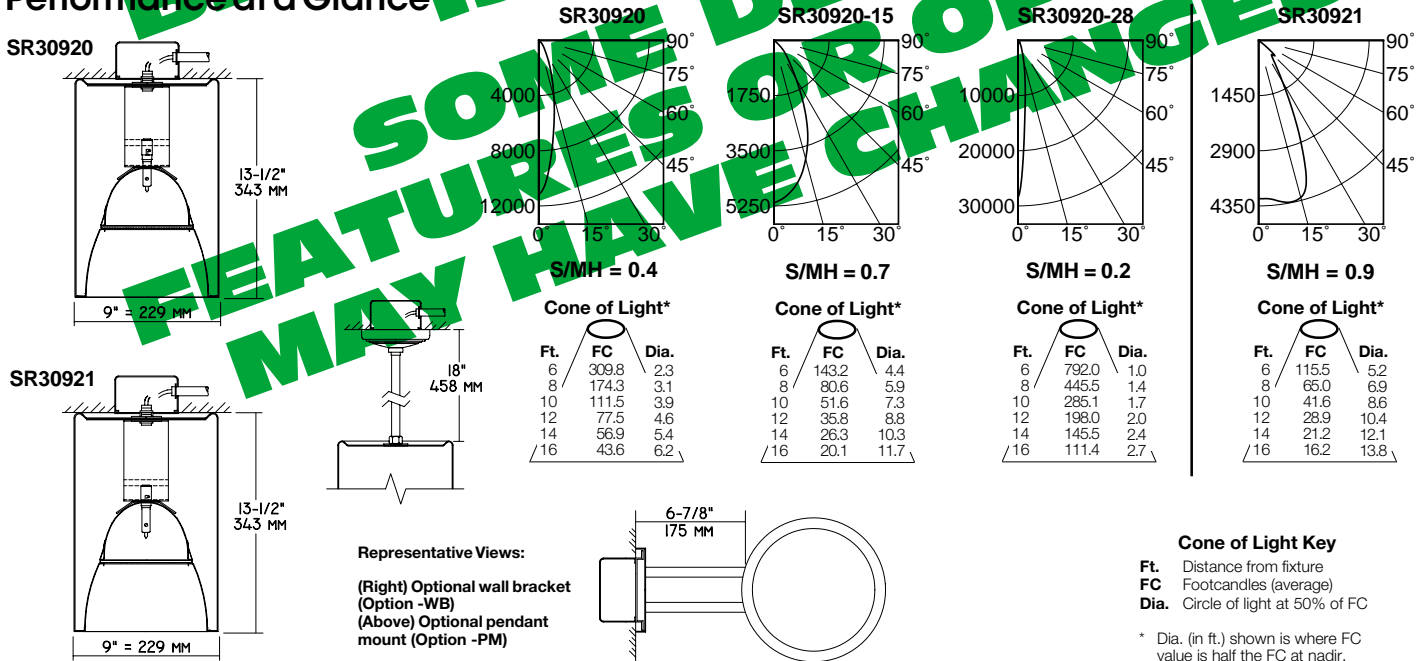
- Complete standard fixture.



Pendant or Wall Bracket Mounts Optional
Four Distributions
from Very Narrow to Wide

10 Optional Lower Cone Finishes

Performance at a Glance



THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121

NEW MILLENNIUM
TUNGSTEN HALOGEN and
INCANDESCENT LIGHTING

LAMP
T-4
T-4

MAXIMUM WATTAGE
Q250
Q250

CATALOG NUMBERS
SR30920
SR30921

Detailed Photometry - Installed Fixture

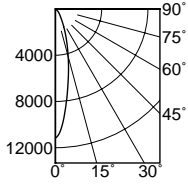
FROM I.T.L. (BOULDER, CO)

SR30920: TEST NUMBER 55794
SR30920-28: TEST NUMBER 55793

SR30920-15: TEST NUMBER 55791
SR300921: TEST NUMBER 55792

SR30920

Efficiency = 72.2%

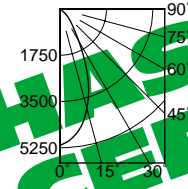


S/MH 0.4

CANDLEPOWER DISTRIBUTION						COEFFICIENTS OF UTILIZATION							
	0.0	22.5	45.0	67.5	90.0	RF	20						
						RC	80			50			
						RW	70	50	30	10	50	30	10
0	11153	11153	11153	11153	11153	1	82	81	79	77	76	75	74
5	9105	9105	9105	9105	9105	2	79	76	73	71	72	70	69
15	4256	4256	4256	4256	4256	3	75	71	68	66	65	66	64
25	1714	1714	1714	1714	1714	4	72	67	64	61	63	62	60
35	704	704	704	704	704	5	69	64	60	57	62	59	57
45	342	342	342	342	342		66	61	57	54	59	56	54
55	26	26	26	26	26		64	59	54	51	56	53	51
65	0	0	0	0	0		61	55	51	49	54	51	48
75	0	0	0	0	0		59	53	49	47	52	49	46
85	0	0	0	0	0		57	51	47	44	50	47	44
90	0	0	0	0	0	10	57	51	47	44	50	47	44

SR30920-15

Efficiency = 70.7%

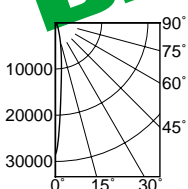


S/MH 0.7

CANDLEPOWER DISTRIBUTION						COEFFICIENTS OF UTILIZATION							
	0.0	22.5	45.0	67.5	90.0	RF	20						
						RC	80			50			
						RW	70	50	30	10	50	30	10
0	5156	5156	5156	5156	5156	1	80	79	77	75	74	73	72
5	4921	4921	4921	4921	4921	2	77	73	71	68	70	68	66
15	3892	3892	3892	3892	3892	3	73	69	65	63	66	63	61
25	2225	2225	2225	2225	2225	4	69	64	61	58	62	59	57
35	881	881	881	881	881	5	66	61	57	54	59	55	53
45	369	369	369	369	369	6	63	57	53	50	55	52	50
55	13	13	13	13	13	7	60	54	50	47	52	49	47
65	2	2	2	2	2	8	57	51	47	44	50	46	44
75	0	0	0	0	0	9	55	48	44	42	47	44	41
85	0	0	0	0	0	10	52	46	42	39	45	42	39
90	0	0	0	0	0								

SR30920-28

Efficiency = 74.6%

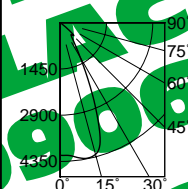


S/MH 0.2

CANDLEPOWER DISTRIBUTION						COEFFICIENTS OF UTILIZATION							
	0.0	22.5	45.0	67.5	90.0	RF	20						
						RC	80			50			
						RW	70	50	30	10	50	30	10
0	28512	28512	28512	28512	28512	1	85	84	82	81	79	78	77
5	14097	14097	14097	14097	14097	2	82	79	76	74	75	74	72
15	4036	4036	4036	4036	4036	3	79	75	72	69	72	70	68
25	1409	1409	1409	1409	1409	4	76	71	68	65	69	66	64
35	627	627	627	627	627	5	73	68	64	62	66	63	61
45	323	323	323	323	323	6	70	65	61	59	63	60	58
55	18	18	18	18	18	7	68	62	59	56	61	58	56
65	0	0	0	0	0	8	66	60	56	54	59	56	54
75	0	0	0	0	0	9	64	58	54	52	57	54	52
85	0	0	0	0	0	10	61	56	52	50	55	52	50
90	0	0	0	0	0								

SR30921

Efficiency = 74.0%



S/MH 0.9

CANDLEPOWER DISTRIBUTION						COEFFICIENTS OF UTILIZATION							
	0.0	22.5	45.0	67.5	90.0	RF	20						
						RC	80			50			
						RW	70	50	30	10	50	30	10
0	4159	4159	4159	4159	4159	1	84	82	80	79	77	76	75
5	4194	4194	4194	4194	4194	2	80	76	73	71	73	71	69
15	4273	4273	4273	4273	4273	3	76	71	68	65	68	66	63
25	2244	2244	2244	2244	2244	4	72	67	63	60	64	61	59
35	767	767	767	767	767	5	69	63	59	56	61	57	54
45	557	557	557	557	557	6	66	60	56	53	58	54	51
55	23	23	23	23	23	7	63	56	51	48	54	50	48
65	2	2	2	2	2	8	59	52	48	45	51	47	45
75	0	0	0	0	0	9	57	50	46	42	48	45	42
85	0	0	0	0	0	10	54	47	43	40	46	42	40
90	0	0	0	0	0								

Estimated Multipliers

- 16 Champagne Gold Alzak® CP x .95
- 30 White: CP x .95
- 63 Dune Alzak: CP x .93
- 89 Wheat Alzak: CP x .92
- 70 SofTex Clear: CP x .92
- 71 SofTex Dune: CP x .89
- 72 Black Alzak: CP x .80
- 90 SofTex Champagne Gold: CP x .90
- 91 SofTex Wheat: CP x .88
- 93 Pewter Alzak: CP x .88
- 94 Black OptiGroove: CP x .83

Options

- 15 Tempered prismatic C#73 glass for medium (0.7 S/MH) distribution. (SR30920 only)
- 16 Champagne Gold specular Alzak self-flanged lower cone. (CP x .95)
- 28 Tempered clear flat glass for narrowest (0.2 S/MH) distribution. (SR30920 only)
- 30 All white lower cone, self-flanged. (CP x .95)
- 31 White flange (only) on self-flanged lower cone.
- 35 Silver enameled luminaire finish instead.
- 36 Gold enameled luminaire finish instead.
- 37 Dark Bronze enameled luminaire finish instead.
- 38 Black enameled luminaire finish instead.
- 63 Dune specular Alzak self-flanged lower cone. (CP x .93)
- 69 Wheat specular Alzak self-flanged lower cone. (CP x .92)
- 70 SofTex Clear softly etched self-flanged lower cone. Resists smudges. (CP x .92)
- 71 SofTex Dune softly etched self-flanged lower cone. Resists smudges. (CP x .89)
- 72 Black specular Alzak self-flanged lower cone. (CP x .80)
- 80 2" extension collar for mounting luminaire beneath surface outlet box. Finish matches housing color.
- 87 Custom -PM length. Specify up to 4 feet or consult factory. Use with Option -PM.
- 88 Swivel canopy for sloped ceilings up to 45°. Earthquake rated. Use with Option -PM.
- 89 Sealed top WeatherCap feature prevents moisture and insect intrusion from above in outdoor or high humidity areas. Use with Option -PM or -WB.
- 90 SofTex Champagne Gold softly etched self-flanged lower cone. Resists smudges. (CP x .90)
- 91 SofTex Wheat softly etched self-flanged lower cone. Resists smudges. (CP x .88)
- 93 Pewter specular Alzak self-flanged lower cone. (CP x .88)
- 94 Specular or SofTex custom color / finish lower cone or luminaire. Specify parts. Consult factory.
- 99 Special modification. Consult factory.
- LP With frosted DCB lamp. Specify wattage and color temperature.
- OG OptiGroove black seamless tapered aluminum lower cone. White trim, self-flanged. (CP x .83)
- PM Pendant mount instead. 3/8" T.S. x 18" or see Option -87. Also see Options -88 and -89.
- WB Wall bracket mount instead. Also see -89.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____
 TYPE _____
 WATTAGE _____ VOLTAGE _____
 CATALOG NUMBER _____

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION, ETC., IS NORMAL USE. Manufacturer at this option 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 the year 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 on the understanding that other warranties, expressed or implied, Seller does not warrant as to merchantability or fitness for a particular use, nor liability of statement constitute a warranty of a kind or amount intended to be a part of the contract.