

Seamless Cylinders: Pendant, Wall Bracket or Surface Mounts

Features

Lamp / Socket

- Designed for:
SR20619: Vertical 150 watt (max.) A-21 inside frosted incandescent lamp (by others).
- SR20920: Vertical 200 watt (max.) A-23 inside frosted incandescent lamp (by others).
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

Reflector

- Self-flanged compound curved specular Alzak® aluminum.
- Nine optional self-flanged colors and finishes available. See Options.

Housing

- Seamless, 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 entire surface area.

Installation

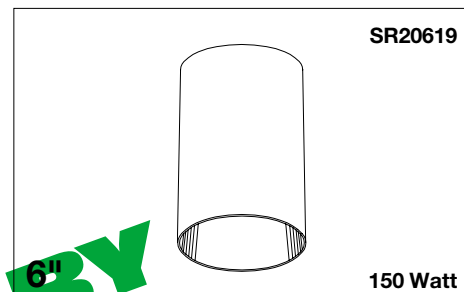
- Center point mounting with snug fit to ceiling. Mounting hardware furnished.
- Indoor or outdoor for covered ceiling use. (See Option -89 for use with -PM or -WB).
- Collar for mounting beneath surface outlet box available. (Option -80)
- Pendant mount available. (Option -PM)
- Wall bracket available. (Option -WB)

UL, C-UL (Canada) Listings

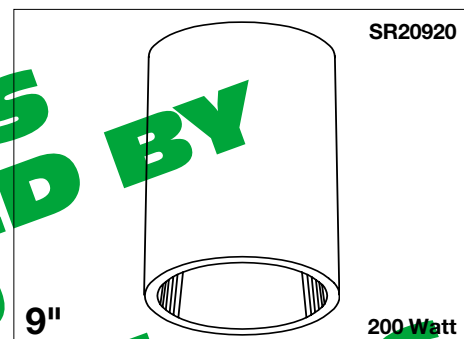
- Wet, damp or dry locations, covered ceilings. (See Option -89)
- Caution: Use 90°C supply wire to outlet box above.

Three Year Limited Warranty

- Complete standard fixture.

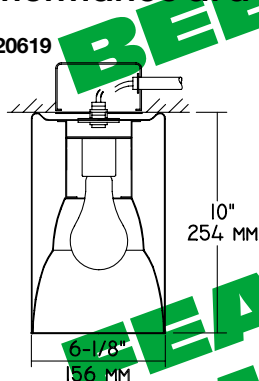


**Slender Proportions
Glare-Free Downlighting
9 Optional Reflector Finishes**

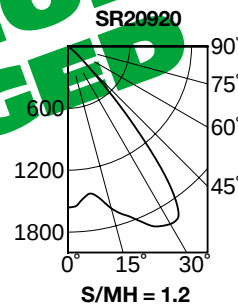
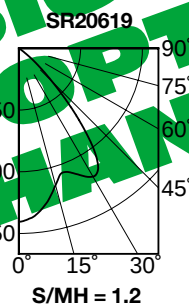


Performance at a Glance

SR20619



SR20920



Cone of Light*

Ft.	FC	Dia.
6	35.1	7.7
8	19.8	10.3
10	12.6	12.8
12	8.8	15.4
14	6.5	18.0
16	4.9	20.5

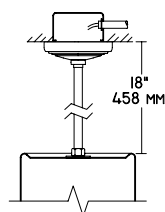
Cone of Light*

Ft.	FC	Dia.
6	43.4	9.1
8	24.4	12.1
10	15.6	15.1
12	10.9	18.2
14	8.0	21.2
16	6.1	24.2

Cone of Light Key

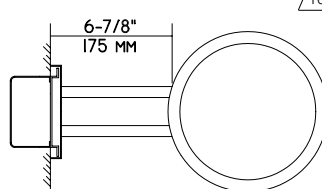
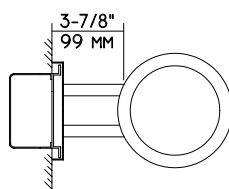
- Ft. Distance from fixture
- FC Footcandles (average)
- Dia. Circle of light at 50% of FC

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



Representative Views:

(Right) SR20619 with optional wall bracket (Option -WB)
(Far Right) SR20920 with optional wall bracket (Option -WB)
(Left) Optional pendant mount (Option -PM)



THE KIRLIN COMPANY

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NEW MILLENNIUM

TUNGSTEN HALOGEN and INCANDESCENT LIGHTING

LAMP

**A-21
A-23**

MAXIMUM WATTAGE

**150
200**

CATALOG NUMBERS

**SR20619
SR20920**

THE KIRLIN COMPANY RESERVES THE RIGHT TO CHANGE, WITHOUT NOTICE, DETAILS OR SPECIFICATIONS IN PRODUCT DESIGN.

Alzak® is a registered trademark of ALCOA.

SR20619
SR20920

SURFACE ROUND: 150 A-21 / 200 A-23 (MAX.) INCANDESCENT DOWNLIGHT

KIRLIN

Detailed Photometry - Installed Fixture

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

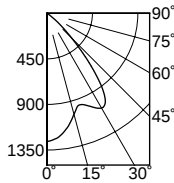
SR20619 (150W): TEST NUMBER 47052

SR20619 (100W): TEST NUMBER 47053

SR20920 (200W): TEST NUMBER 46968

SR20619

150 WATT



S/MH 1.2

EFFICIENCY = 63.4%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	1265	1265	1265	1265	1265
5	1232	1232	1232	1232	1232
15	1033	1033	1033	1033	1033
25	1014	1014	1014	1014	1014
35	995	995	995	995	995
45	346	346	346	346	346
55	32	32	32	32	32
65	4	4	4	4	4
75	1	1	1	1	1
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION					
RF	20				
RC	70	50	30	10	50
RW	70	50	30	10	50
1	72	70	68	66	64
2	67	64	61	58	61
3	63	60	57	54	57
4	59	56	53	50	53
5	56	53	50	47	50
6	52	49	46	43	46
7	49	46	43	40	43
8	46	43	40	37	40
9	43	40	37	34	37
10	41	38	35	32	35

SR20619

100 WATT



S/MH 0.5

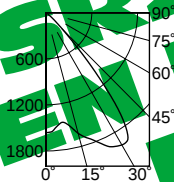
EFFICIENCY = 64.6%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	1568	1568	1568	1568	1568
5	1501	1501	1501	1501	1501
15	1265	1265	1265	1265	1265
25	1232	1232	1232	1232	1232
35	995	995	995	995	995
45	346	346	346	346	346
55	32	32	32	32	32
65	4	4	4	4	4
75	1	1	1	1	1
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION					
RF	20				
RC	70	50	30	10	50
RW	70	50	30	10	50
1	72	70	68	66	64
2	67	64	61	58	61
3	63	60	57	54	57
4	59	56	53	50	53
5	56	53	50	47	50
6	52	49	46	43	46
7	49	46	43	40	43
8	46	43	40	37	40
9	43	40	37	34	37
10	41	38	35	32	35

SR20920

200 WATT



S/MH 1.2

EFFICIENCY = 73.3%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	1568	1568	1568	1568	1568
5	1501	1501	1501	1501	1501
15	1265	1265	1265	1265	1265
25	1232	1232	1232	1232	1232
35	995	995	995	995	995
45	346	346	346	346	346
55	32	32	32	32	32
65	4	4	4	4	4
75	1	1	1	1	1
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION					
RF	20				
RC	70	50	30	10	50
RW	70	50	30	10	50
1	72	70	68	66	64
2	67	64	61	58	61
3	63	60	57	54	57
4	59	56	53	50	53
5	56	53	50	47	50
6	52	49	46	43	46
7	49	46	43	40	43
8	46	43	40	37	40
9	43	40	37	34	37
10	41	38	35	32	35

Estimated Multipliers

-16 Champagne Gold Alzak®: CP x .93
-63 Dune Alzak: CP x .90
-69 Wheat Alzak: CP x .88
-70 Softex Clear: CP x .90

-71 Softex Dune: CP x .81
-90 Softex Champagne Gold: CP x .84
-91 Softex Wheat: CP x .80
-93 Pewter Alzak: CP x .85
-OG Black OptiGroove: CP x .75

Options

- 16 Champagne Gold specular Alzak self-flanged reflector. (CP x .93)
- 31 White flange (only) on self-flanged reflector (SR20920 only).
- 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.
- 58 277/120V stepdown transformer for 277 volt line input, prewired into fixture (SR20920 only).
- 63 Dune specular Alzak self-flanged reflector. (CP x .90)

- 69 Wheat specular Alzak self-flanged reflector. (CP x .88)
- 70 Softex Clear softly etched self-flanged reflector. Resists smudges. (CP x .90)
- 71 Softex Dune softly etched self-flanged reflector. Resists smudges. (CP x .81)
- 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 in outdoor or high humidity areas. Use with Option -PM or -WB.

- 90 Softex Champagne Gold softly etched self-flanged reflector. Resists smudges. (CP x .84)
- 91 Softex Wheat softly etched self-flanged reflector. Resists smudges. (CP x .80)
- 93 Pewter specular Alzak self-flanged reflector. (CP x .85)
- 94 Specular or Softex custom color/finish self-flanged reflector or luminaire. Specify parts. Consult factory.
- 99 Special modification. Consult factory.
- OG OptiGroove black seamless tapered aluminum reflector. White trim, self-flanged. (CP x .75)
- 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 _____