

SC8DR

8" SD LED Cylinder

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	System Wattage* @ 120V	CCT	Nominal Delivered Lumens**	Efficacy
L0	7W	3500K	750 lm	107 lm/W
L1	9W	3500K	1000 lm	111 lm/W
L2	13W	3500K	1500 lm	115 lm/W
L3	18W	3500K	2000 lm	111 lm/W
L4	22W	3500K	2500 lm	114 lm/W
L5	26W	3500K	3000 lm	115 lm/W
L6	32W	3500K	3500 lm	109 lm/W

*System Wattage include driver and LED Module consumption. / ** Delivered Lumens will vary depending on CCT, CRI and optic selection

WATTAGE / OPTICS

- 80/90 CRI at 2700K, 3000K, 3500K, 4000K with 2 SDCM
- 70% lumen maintenance at 50,000 hours
- 30° Narrow Flood, 50° Flood or 70° Wide Flood

ELECTRICAL SYSTEM

- Dedicated voltage options of 120V, 277V or 347V must be specified in catalog code.
- 347V available with Osram 0-10V 1% Dimming only
- Power factor >.9, 50/60Hz
- Max. ambient temperature: 95°F (35°C).

DIMMING

- Osram 0-10V 1% Dimming (Compatible with 347V)
- Phase Dimming 120V only, Forward 1% / Reverse 5%
- EldoLED SOLDrive 0-10V 0.1%
- EldoLED ECoDrive 0-10V 1%
- Lutron® LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
- Lutron® LTEA2W Hi-Lume 1% 2-Wire LED driver (120V forward phase only)

MOUNTING

- Ceiling mount for direct installation to 3" and 4" octagon junction box
- 144" Aircraft cable is supplied with complete canopy assembly. Aircraft cable is cuttable and can be modified in the field
- Wall mount bracket for installation to 4" octagon or square junction box
- Pendant stems supplied with complete canopy assembly. Pendant stems are cuttable and can be modified in the field.

LISTING/WARRANTY

- ETL listed to US and Canadian standards for damp locations
- 5-Year Intense LED Limited Warranty



FINISHES

Cylinder housings are available in standard, powder coated finishes including white, black or silver, and feature optional high quality clear specular, haze or white reflector. Consult factory for custom finishes and additional reflector options.



Dimensions see Page 2

For EM options, please see: [SC8DRREM](#)

Example: SC8DRL4359-D101-NF-WW-P24

Cylinder	Wattage	CCT / CRI	Dimming	Voltage	Optic	Cylinder Finish	Reflector Finish	Mounting
SC8DR	L0 ¹ (7W)	27 (2700K / 80 CRI)	-D101 (Osram 0-10V 1%)	blank (Universal 120/277V)	-NF (30° NF)	-W (White)	C (Clear)	-C144 (144" Aircraft Cable)
	L1 (9W)	279 (2700K / 90 CRI)	-DIM ^{2,3} (Phase Dimming)					-FL (50° FL)
	L2 (13W)	30 (3000K / 80 CRI)	-ED10V1 (eldoLED 0-10V 1%)	34 ⁶ (347V)	-WF (70° WFL)	-SV (Silver)	W (White)	-P24 (24" Pendant)
	L3 (18W)	309 (3000K / 90 CRI)	-ED10V01 (eldoLED 0-10V 0.1%)					-P36 ⁷ (36" Pendant)
	L4 (22W)	35 (3500K / 80 CRI)	-LUT ⁴ (Lutron® LDE1 EcoSystem 1%)	-P48 (48" Pendant)				
	L5 (26W)	359 (3500K / 90 CRI)	-DMXR ⁵ (DMX512 RDM 0.1%)	-P96 ⁷ (96" Pendant)				
L6 (32W)	40 (4000K / 80 CRI)		-WB (Wall Bracket)					
	409 (4000K / 90 CRI)		-S (Surface)					

Notes:

- L0 only available with -D101
- Not available in L1 or L2 package
- Not available in 277V
- Lutron not available in L1
- DMX512 RDM not available in L1 & L2 and not available with pendant mount
- 347V only available with Osram 0-10V 1% Dimming
- Special order. Note: 96" pendant is made with (2) 48" pendants w/ coupler. 36" Pendant is made with (1) 12" & 24" with coupler

CYLINDERS-SS LUM-0709:25 P-9

INTENSE LIGHTING | 725 Landwehr Road, Northbrook, IL 60062 | tel 714 630-9877 | fax 847 559-5505

For Intense Lighting's limited product warranty, go to www.intenselighting.com. For a printed copy of the warranty, you may call 714 630-9877.

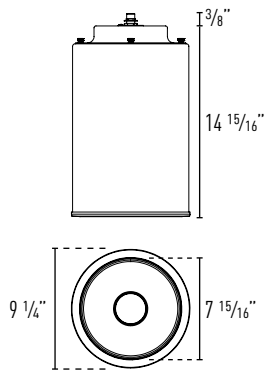
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SC8DR

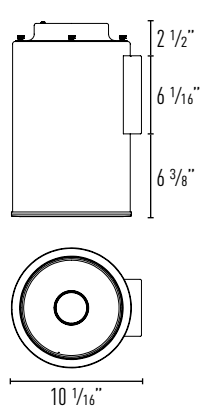
8" SD LED Cylinder

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

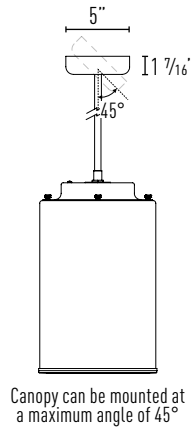
Surface Mount



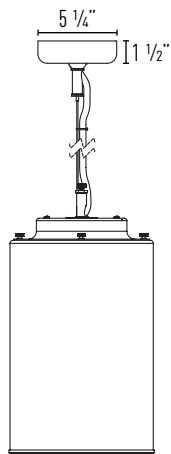
Wall Mount



Pendant Mount



Aircraft Cable



Electrical Table

Lumen Package	Voltage	Wattage	VA	Input Current	Power Factor
L0	120	6.23	6.79	0.06	0.918
	277	6.41	9.87	0.04	0.649
L1	120	8.55	9.17	0.08	0.93
	277	8.82	12.18	0.04	0.72
L2	120	12.51	13.15	0.11	0.95
	277	12.85	16.06	0.06	0.80
L3	120	17.07	17.34	0.14	0.98
	277	17.77	20.92	0.08	0.85
L4	120	21.54	21.84	0.18	0.99
	277	22.09	25.31	0.09	0.87
L5	120	25.98	26.24	0.22	0.99
	277	26.93	30.00	0.11	0.90
L6	120	31.56	31.64	0.26	1.00
	277	32.09	34.72	0.13	0.92

CYLINDERS-SS LUM-0709:25 P-10

SC8DR

8" SD LED Cylinder

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

SC8DRL1358-WC

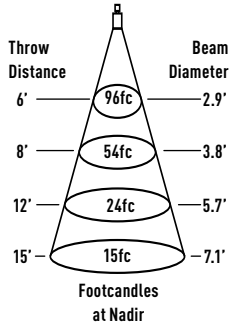
-NF (30° Narrow Flood)

CCT MULTIPLIERS:

	80 CRI	90 CRI
2700K	(x 0.92)	(x 0.79)
3000K	(x 0.98)	(x 0.79)
3500K	(x 1.00)	(x 0.82)
4000K	(x 1.01)	(x 0.84)

FINISH MULTIPLIERS

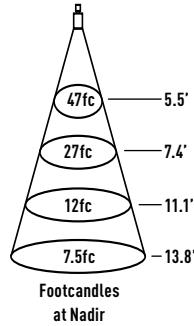
	30°	50°	70°
Clear	(x 1.00)	(x 1.00)	(x 1.00)
Haze	(x 0.96)	(x 0.96)	(x 0.88)
White	(x 0.96)	(x 0.97)	(x 0.90)



Watts: 9 LPW: 111
Lumens: 991 CCT: 3500K

Luminance	
Degree	CBCP
0°	3439
5°	3047
15°	1453
25°	424
35°	136
45°	15

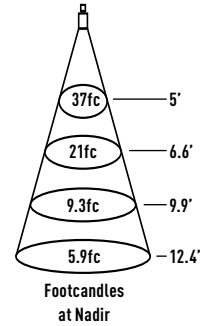
-FL (50° Flood)



Watts: 9 LPW: 111
Lumens: 1060 CCT: 3500K

Luminance	
Degree	CBCP
0°	1696
5°	1600
15°	1421
25°	826
35°	176
45°	15

-WF (70° Wide Flood)



Watts: 9 LPW: 111
Lumens: 1020 CCT: 3500K

Luminance	
Degree	CBCP
0°	1338
5°	1223
15°	889
25°	609
35°	458
45°	112

SC8DRL2358-WC

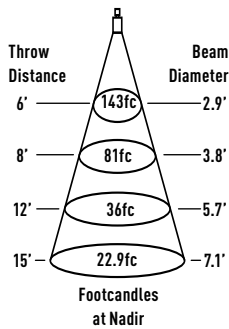
-NF (30° Narrow Flood)

CCT MULTIPLIERS:

	80 CRI	90 CRI
2700K	(x 0.92)	(x 0.79)
3000K	(x 0.98)	(x 0.79)
3500K	(x 1.00)	(x 0.82)
4000K	(x 1.01)	(x 0.84)

FINISH MULTIPLIERS

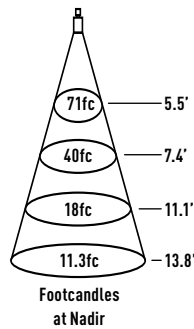
	30°	50°	70°
Clear	(x 1.00)	(x 1.00)	(x 1.00)
Haze	(x 0.96)	(x 0.96)	(x 0.88)
White	(x 0.96)	(x 0.97)	(x 0.90)



Watts: 13 LPW: 115
Lumens: 1486 CCT: 3500K

Luminance	
Degree	CBCP
0°	5159
5°	4571
15°	2179
25°	636
35°	204
45°	23

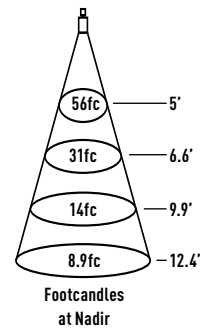
-FL (50° Flood)



Watts: 13 LPW: 115
Lumens: 1590 CCT: 3500K

Luminance	
Degree	CBCP
0°	2544
5°	2400
15°	2131
25°	1239
35°	264
45°	23

-WF (70° Wide Flood)



Watts: 13 LPW: 115
Lumens: 1530 CCT: 3500K

Luminance	
Degree	CBCP
0°	2006
5°	1834
15°	1333
25°	913
35°	686
45°	168

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SC8DRL3358-WC

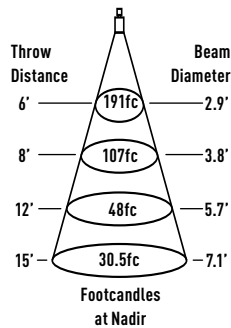
-NF (30° Narrow Flood)

CCT MULTIPLIERS:

	80 CRI	90 CRI
2700K	(x 0.92)	(x 0.79)
3000K	(x 0.98)	(x 0.79)
3500K	(x 1.00)	(x 0.82)
4000K	(x 1.01)	(x 0.84)

FINISH MULTIPLIERS

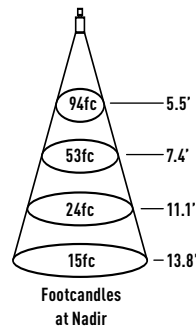
	30°	50°	70°
Clear	(x 1.00)	(x 1.00)	(x 1.00)
Haze	(x 0.96)	(x 0.96)	(x 0.88)
White	(x 0.96)	(x 0.97)	(x 0.90)



Watts: 18 LPW: 111
Lumens: 1979 CCT: 3500K

Luminance	
Degree	CBCP
0°	6866
5°	6083
15°	2900
25°	846
35°	271
45°	30

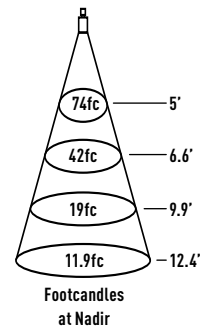
-FL (50° Flood)



Watts: 18 LPW: 111
Lumens: 2117 CCT: 3500K

Luminance	
Degree	CBCP
0°	3386
5°	3194
15°	2837
25°	1649
35°	351
45°	30

-WF (70° Wide Flood)



Watts: 18 LPW: 111
Lumens: 2037 CCT: 3500K

Luminance	
Degree	CBCP
0°	2671
5°	2442
15°	1775
25°	1216
35°	914
45°	224

SC8DRL4358-WC

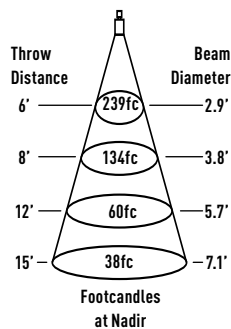
-NF (30° Narrow Flood)

CCT MULTIPLIERS:

	80 CRI	90 CRI
2700K	(x 0.92)	(x 0.79)
3000K	(x 0.98)	(x 0.79)
3500K	(x 1.00)	(x 0.82)
4000K	(x 1.01)	(x 0.84)

FINISH MULTIPLIERS

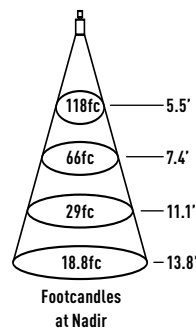
	30°	50°	70°
Clear	(x 1.00)	(x 1.00)	(x 1.00)
Haze	(x 0.96)	(x 0.96)	(x 0.88)
White	(x 0.96)	(x 0.97)	(x 0.90)



Watts: 22 LPW: 112.5
Lumens: 2474 CCT: 3500K

Luminance	
Degree	CBCP
0°	8586
5°	7670
15°	3626
25°	1058
35°	339
45°	38

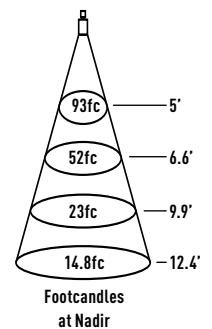
-FL (50° Flood)



Watts: 22 LPW: 120.3
Lumens: 2647 CCT: 3500K

Luminance	
Degree	CBCP
0°	4234
5°	3994
15°	3547
25°	2062
35°	439
45°	37

-WF (70° Wide Flood)



Watts: 22 LPW: 115.8
Lumens: 2547 CCT: 3500K

Luminance	
Degree	CBCP
0°	3339
5°	3053
15°	2219
25°	1520
35°	1142
45°	280