

SC4DR

4" 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 SOLOdrive 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

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
- ENERGY STAR® Qualified⁸



FINISHES

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

For EM options, please see: [SC4DRREM](#)

Dimensions see Page 2

Example: SC4DRL435-DIM34-NF-WW-P24

Cylinder	Wattage	CCT / CRI	Dimming	Voltage	Optic	Cylinder Finish	Reflector Finish	Mounting
SC4DR	L0 ¹ (7W)	27 (2700K / 80 CRI)	-D101 (Osram 0-10V 1%)	blank (Universal 120/277V)	-NF (30° NFI)	-W (White)	C (Clear)	-C144 (144" Aircraft Cable)
	L1 (9W)	279 (2700K / 90 CRI)	-DIM ^{2,3} (Phase Dimming)		-FL (50° FL)	-B (Black)	HZ (Haze)	-P12 (12" Pendant)
	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)						-P96 ⁷ (96" Pendant)
L6 (32W)	40 (4000K / 80 CRI)	-DMXR ⁵ (DMX512 RDM 0.1%)					-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" w/ coupler
- ENERGY STAR® Qualified [0-10V & ELV only. Excludes CCT/CRI options 279, 309 & 359]

CYLINDERS-SS LJM-0922.23 P-1

INTENSE LIGHTING | 3340 E La Palma Ave, Anaheim, CA 92806 | tel 714 630-9877 | fax 714 630-9883

For Intense Lighting's limited product warranty, go to www.intenselighting.com. For a printed copy of the warranty, you may call 800 961-5321.

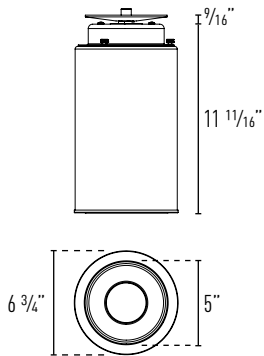
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SC4DR

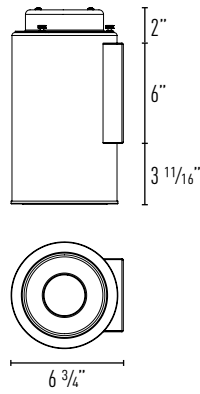
4" SD LED Cylinder

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

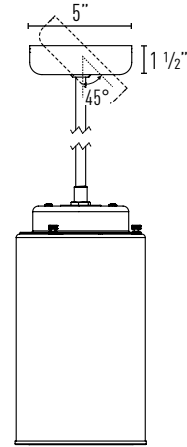
Surface Mount



Wall Mount

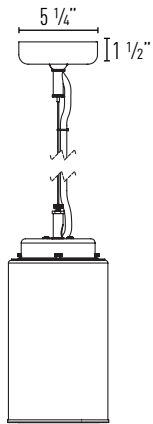


Pendant Mount



Canopy can be mounted at a maximum angle of 45°

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-0922-23 P-2

SC4DR

4" SD LED Cylinder

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

SC4DRL1358-WC

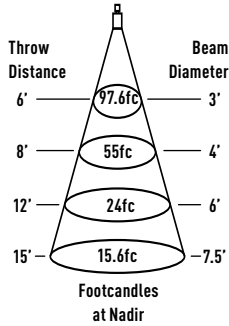
-NF (30° Narrow Flood)

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

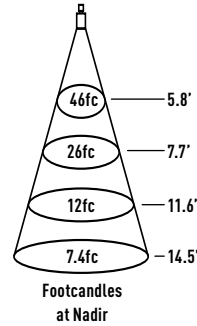
	30°	50°	70°
Clear	(x 1.00)	(x 1.00)	(x 1.00)
Haze	(x 0.96)	(x 0.96)	(x 0.88)
White	(x 0.96)	(x 0.97)	(x 0.90)



Watts: 9 LPW: 112
Lumens: 1008 CCT: 3500K

Luminance	
Degree	CBCP
0°	3513
5°	3123
15°	1580
25°	485
35°	88
45°	5

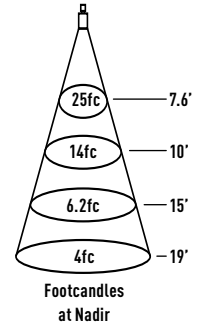
-FL (50° Flood)



Watts: 9 LPW: 119.7
Lumens: 1077 CCT: 3500K

Luminance	
Degree	CBCP
0°	1665
5°	1653
15°	1546
25°	915
35°	105
45°	5

-WF (70° Wide Flood)



Watts: 9 LPW: 110.4
Lumens: 994 CCT: 3500K

Luminance	
Degree	CBCP
0°	899
5°	984
15°	1084
25°	789
35°	320
45°	36

SC4DRL2358-WC

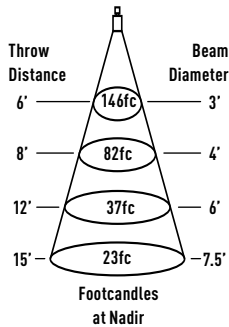
-NF (30° Narrow Flood)

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

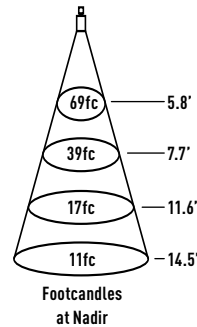
	30°	50°	70°
Clear	(x 1.00)	(x 1.00)	(x 1.00)
Haze	(x 0.96)	(x 0.96)	(x 0.88)
White	(x 0.96)	(x 0.97)	(x 0.90)



Watts: 13 LPW: 116.2
Lumens: 1511 CCT: 3500K

Luminance	
Degree	CBCP
0°	5269
5°	4684
15°	2370
25°	727
35°	132
45°	7

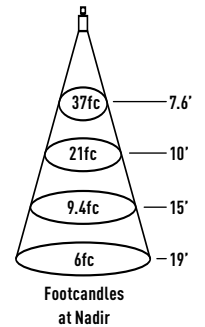
-FL (50° Flood)



Watts: 13 LPW: 124.3
Lumens: 1616 CCT: 3500K

Luminance	
Degree	CBCP
0°	2498
5°	2480
15°	2320
25°	1372
35°	158
45°	8

-WF (70° Wide Flood)



Watts: 13 LPW: 114.7
Lumens: 1491 CCT: 3500K

Luminance	
Degree	CBCP
0°	1348
5°	1477
15°	1625
25°	1183
35°	480
45°	54

SC4DR

4" SD LED Cylinder

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

SC4DRL3358-WC

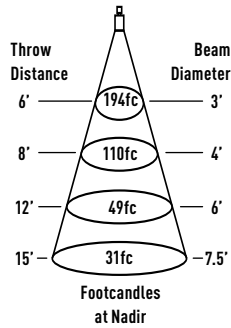
-NF (30° Narrow Flood)

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

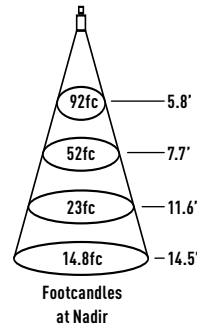
	30°	50°	70°
Clear	(x 1.00)	(x 1.00)	(x 1.00)
Haze	(x 0.96)	(x 0.96)	(x 0.88)
White	(x 0.96)	(x 0.97)	(x 0.90)



Watts: 18 LPW: 111.8
Lumens: 2012 CCT: 3500K

Luminance	
Degree	CBCP
0°	7014
5°	6234
15°	3155
25°	968
35°	176
45°	9

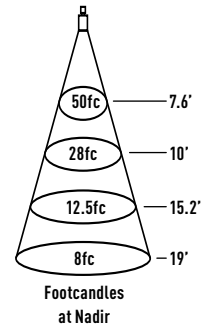
-FL (50° Flood)



Watts: 18 LPW: 119.5
Lumens: 2151 CCT: 3500K

Luminance	
Degree	CBCP
0°	3324
5°	3300
15°	3087
25°	1826
35°	210
45°	11

-WF (70° Wide Flood)



Watts: 18 LPW: 110.3
Lumens: 1985 CCT: 3500K

Luminance	
Degree	CBCP
0°	1794
5°	1965
15°	2164
25°	1575
35°	639
45°	72

SC4DRL4358-WC

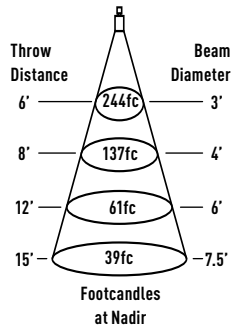
-NF (30° Narrow Flood)

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

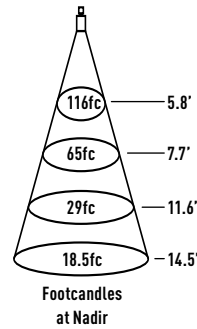
	30°	50°	70°
Clear	(x 1.00)	(x 1.00)	(x 1.00)
Haze	(x 0.96)	(x 0.96)	(x 0.88)
White	(x 0.96)	(x 0.97)	(x 0.90)



Watts: 22 LPW: 114.3
Lumens: 2515 CCT: 3500K

Luminance	
Degree	CBCP
0°	8770
5°	7795
15°	3945
25°	1210
35°	220
45°	12

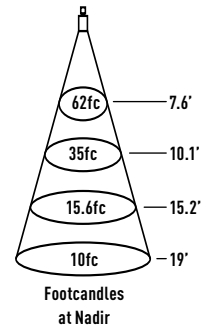
-FL (50° Flood)



Watts: 22 LPW: 122.3
Lumens: 2690 CCT: 3500K

Luminance	
Degree	CBCP
0°	4157
5°	4127
15°	3861
25°	2283
35°	263
45°	13

-WF (70° Wide Flood)



Watts: 22 LPW: 112.8
Lumens: 2482 CCT: 3500K

Luminance	
Degree	CBCP
0°	2243
5°	2458
15°	2705
25°	1969
35°	799
45°	90