SC4DRREM

4" SD LED Cylinder with Remote Emergency Backup

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

Dimensions see Page 2

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
- 347V available, consult factory
- 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

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.

MOUNTING
- Surface mount for direct installation to 3" or 4" octagon J-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 J-Box
- Pendant stems supplied with complete canopy assembly. Pendant stems are cuttable and can be modified in the field.

EMERGENCY BACKUP
Remote test switch included. External battery operates LED load of up to 7W at a minimum of 400 lumens for 90 minutes (EM7), or 20W at a minimum of 1250 lumens for 90 minutes (EM20). EM20 not available in L1, L2 & L3 option.

REMOTE DRIVER ENCLOSURE
- Galvanized steel construction
- 50ft remote distance maximum

LISTING/WARRANTY
- ETL listed to US and Canadian standards for damp locations
- 5-Year Intense LED Limited Warranty
- ENERGY STAR® Qualified[9]

Example: SC4DRREML4359-NF-WW-P24

Cylinder	Wattage	CCT / CRI	Optic	Cylinder Finish	Reflector Finish	Mounting
SC4DRREM	☐ **L0**[1] (7W) ☐ **L1** (9W) ☐ **L2** (13W) ☐ **L3** (18W) ☐ **L4** (22W) ☐ **L5** (26W) ☐ **L6** (32W)	☐ **27** (2700K / 80 CRI) ☐ **279** (2700K / 90 CRI) ☐ **30** (3000K / 80 CRI) ☐ **309** (3000K / 90 CRI) ☐ **35** (3500K / 80 CRI) ☐ **359** (3500K / 90 CRI) ☐ **40** (4000K / 80 CRI) ☐ **409** (4000K / 90 CRI)	☐ **-NF** (30° NFL) ☐ **-FL** (50° FL) ☐ **-WF** (70° WFL)	☐ **-W** (White) ☐ **-B** (Black) ☐ **-SV** (Silver)	☐ **C** (Clear) ☐ **HZ** (Haze) ☐ **W** (White)	☐ **-C144** (144" Aircraft Cable) ☐ **-P12** (12" Pendant) ☐ **-P24** (24" Pendant) ☐ **-P36**[2] (36" Pendant) ☐ **-P48** (48" Pendant) ☐ **-P96**[2] (96" Pendant) ☐ **-WB** (Wall Bracket) ☐ **-S** (Surface)

Example: REMSC-L1-D101EM7

Power Box	Wattage	Dimming	Voltage	Emergency Options
REMSC	☐ **L0**[1] (7W) ☐ **L1** (9W) ☐ **L2** (13W) ☐ **L3** (18W) ☐ **L4** (22W) ☐ **L5** (26W) ☐ **L6** (32W)	☐ **-D101** (Osram 0-10V 1%) ☐ **-DIM**[3,4] (Phase Dimming) ☐ **-ED10V1** (eldoLED 0-10V 1%) ☐ **-ED10V01** (eldoLED 0-10V 0.1%) ☐ **-LUT**[5] (Lutron® LDE1 EcoSystem 1%) ☐ **-DMXR**[6] (DMX512 RDM 0.1%)	☐ blank (Universal 120/277V) ☐ **347**[7] (347V)	☐ **EM7** (7W Emergency Backup w/ Remote Test Switch IOTA part #ILB-CP07-A) ☐ **EM20**[8] (20W Emergency Backup w/ Remote Test Switch IOTA ILB-CP20-HE-S)

Notes:
1. L0 only available with -D101
2. Special order. Note: 96" pendant is made with (2) 48" pendants w/ coupler. 36" Pendant is made with (1) 12" & 24" w/ coupler
3. Not available in L1 or L2 package
4. Not Available in 277V
5. Lutron not available in L1
6. DMX512 RDM not available in L1 & L2 and not available with pendant mount
7. 347V only available with Osram 0-10V 1% Dimming
8. EM20 is not available with L1, L2 & L3
9. ENERGY STAR® Qualified (0-10V & ELV only. Excludes CCT/CRI options 279, 309 & 359)

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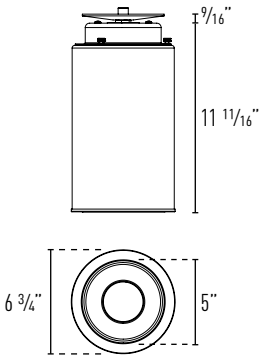
SC4DRREM

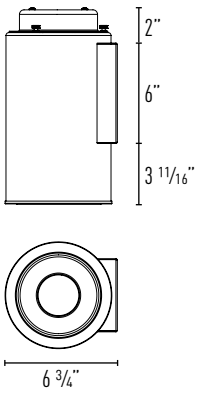
4" SD LED Cylinder with Remote Emergency Backup

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

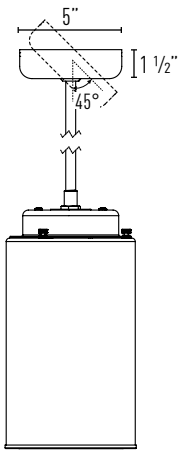
Surface Mount



Wall Mount

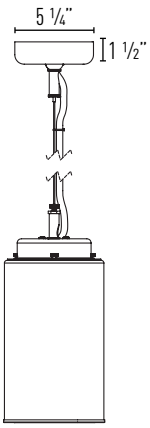


Pendant Mount



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

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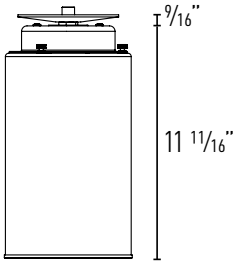
SC4DRREM

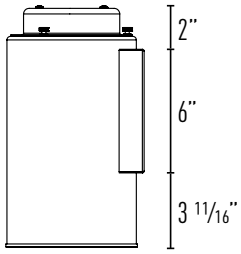
4" SD LED Cylinder with Remote Emergency Backup

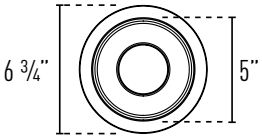
JOB NAME		**CATALOG NUMBER**	
NOTES		**TYPE**	

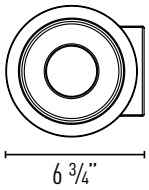
Surface Mount



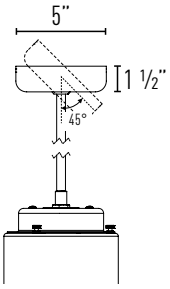
Wall Mount



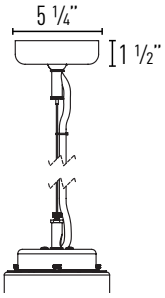




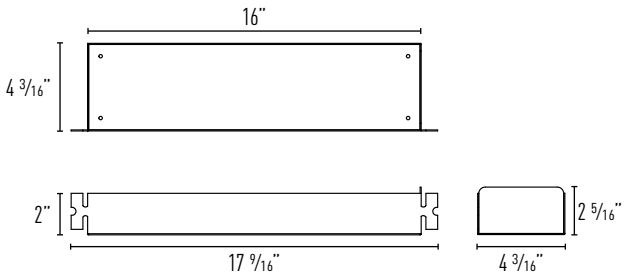
Pendant Mount



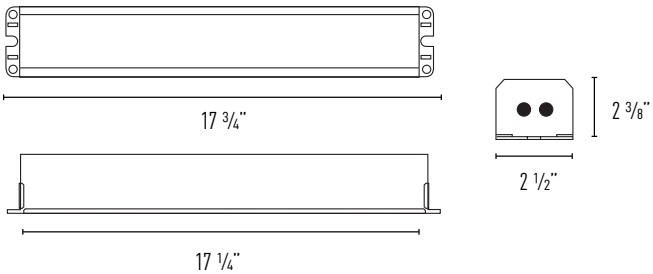
Aircraft Cable



Remote Driver Enclosure



Emergency Backup Battery



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SC4DRREM

4" SD LED Cylinder with Remote Emergency Backup

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

SC4DRL1358-WC

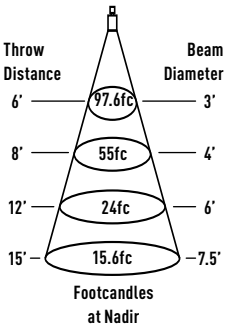
CCT MULTIPLIERS:

	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)

-NF (30° Narrow Flood)

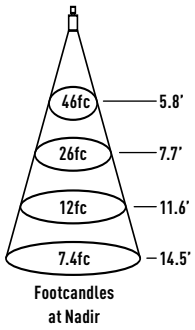


Watts: 9 **LPW:** 112
Lumens: 1008 **CCT:** 3500K

Luminance

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

-FL (50° Flood)

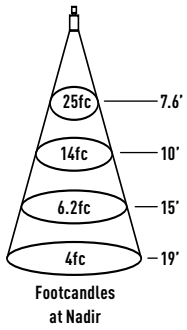


Watts: 9 **LPW:** 119.7
Lumens: 1077 **CCT:** 3500K

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

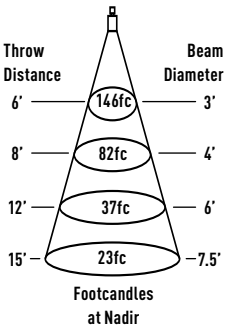
CCT MULTIPLIERS:

	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)

-NF (30° Narrow Flood)

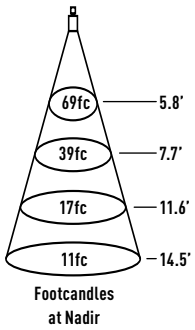


Watts: 13 **LPW:** 116.2
Lumens: 1511 **CCT:** 3500K

Luminance

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

-FL (50° Flood)

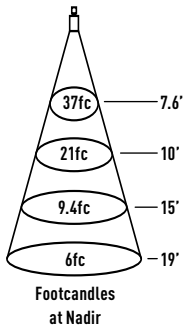


Watts: 13 **LPW:** 124.3
Lumens: 1616 **CCT:** 3500K

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

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SC4DRREM

4" SD LED Cylinder with Remote Emergency Backup

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

SC4DRL3358-WC

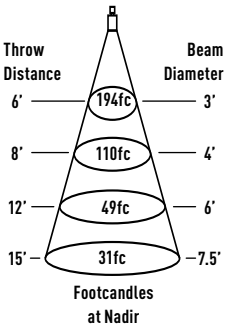
CCT MULTIPLIERS:

	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)

-NF (30° Narrow Flood)

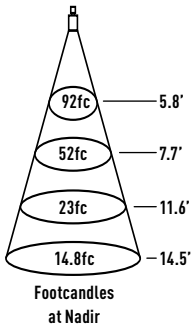


Watts: 18 **LPW:** 111.8
Lumens: 2012 **CCT:** 3500K

Luminance

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

-FL (50° Flood)

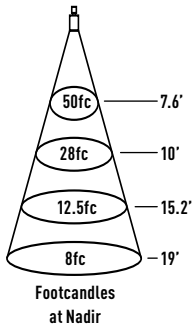


Watts: 18 **LPW:** 119.5
Lumens: 2151 **CCT:** 3500K

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

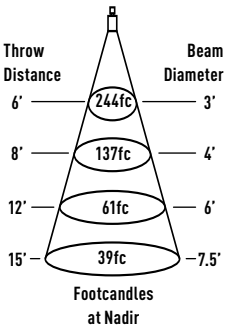
CCT MULTIPLIERS:

	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)

-NF (30° Narrow Flood)

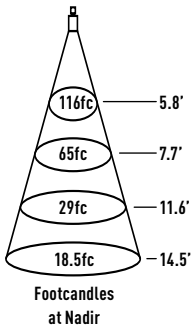


Watts: 22 **LPW:** 114.3
Lumens: 2515 **CCT:** 3500K

Luminance

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

-FL (50° Flood)

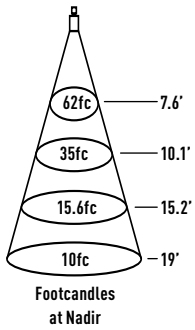


Watts: 22 **LPW:** 122.3
Lumens: 2690 **CCT:** 3500K

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

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