

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: SURE-LITES

Report Number: SEL30BKSD

Luminaire Tested: **SEL30BKSD**

Test Date: 2025-10-15

Test Information

Test Method: LM-41-14
Report Number: SEL30BKSD
Test Lab: Cooper Lighting Solutions
Test Date: 2025-10-15
Issue Date: 10/15/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: SURE-LITES
Catalog Number: SEL30BKSD
Description: LED EM 30FT LFP SD BLACK SINGLE HEAD.
Light Source:
Ballast/Driver:

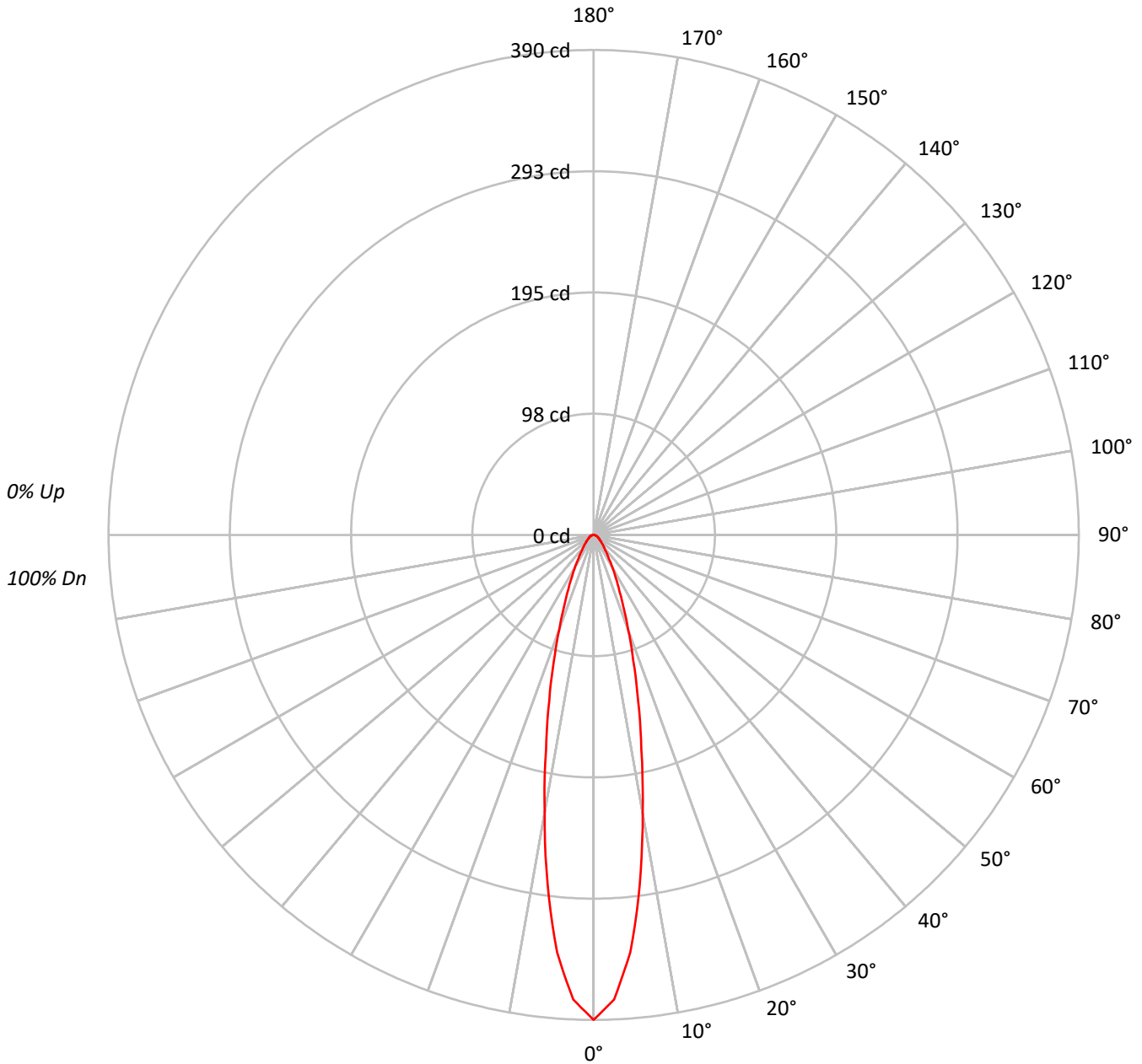
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 119.9 lumens
Efficiency: N/A
Efficacy: 153.0 lumens/watt
Spacing Criteria (0/90/45): 0.39 / 0.39 / 0.43
Luminous Opening: Rectangular (W 0.15' x L: 0.15' x H: 0')
CIE Type: Direct

Input Watts (W): 0.784
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): 24.5
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93				93
2	108	103	99	96	106	101	98	94	98	95	92	95	93	90	92	90	89	87				87
3	103	96	92	88	101	95	91	87	92	89	86	90	87	84	88	85	83	81				81
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77				77
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	73				73
6	90	82	76	72	89	81	76	72	79	75	71	78	74	71	77	73	70	69				69
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66				66
8	83	74	69	65	82	74	69	65	73	68	65	72	68	64	71	67	64	63				63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	62	60				60
10	77	68	63	60	76	68	63	60	67	63	60	67	62	59	66	62	59	58				58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	197389
5°	171216
10°	116663
15°	72309
20°	43627
25°	26806
30°	17533
35°	11739
40°	8589
45°	6442
50°	5512
55°	4412
60°	4049
65°	3593
70°	4439
75°	3911
80°	2915
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.6	23.8
10°-20°	38.7	32.2
20°-30°	22.9	19.1
30°-40°	12.1	10.1
40°-50°	7.3	6.1
50°-60°	4.8	4.0
60°-70°	3.3	2.8
70°-80°	1.8	1.5
80°-90°	0.4	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	90.1	75.1
0°-40°	102.2	85.3
0°-60°	114.3	95.3
0°-90°	119.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	119.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	390	
5°	337	29
15°	138	39
25°	48	23
35°	19	12
45°	9	7
55°	5	5
65°	3	3
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	390
2.5°	374
5°	337
7.5°	284
10°	227
12.5°	177
15°	138
17.5°	106
20°	81
22.5°	62
25°	48
27.5°	38
30°	30
32.5°	23
35°	19
37.5°	15
40°	13
42.5°	11
45°	9
47.5°	8
50°	7
52.5°	6
55°	5
57.5°	5
60°	4
62.5°	4
65°	3
67.5°	3
70°	3
72.5°	2
75°	2
77.5°	1
80°	1
82.5°	1
85°	0
87.5°	0
90°	0

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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— 0°-180°

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(END OF REPORT)