

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: SEL30SD

Luminaire Tested: **SEL30SD**

Test Date: 2025-09-29



**Test Information**

Test Method: LM-41-14  
Report Number: SEL30SD  
Test Lab: Cooper Lighting Solutions  
Test Date: 2025-09-29  
Issue Date: 9/29/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: SURE-LITES  
Catalog Number: SEL30SD  
Description: LED EM 30FT LFP SD SINGLE HEAD.  
Light Source:  
Ballast/Driver:

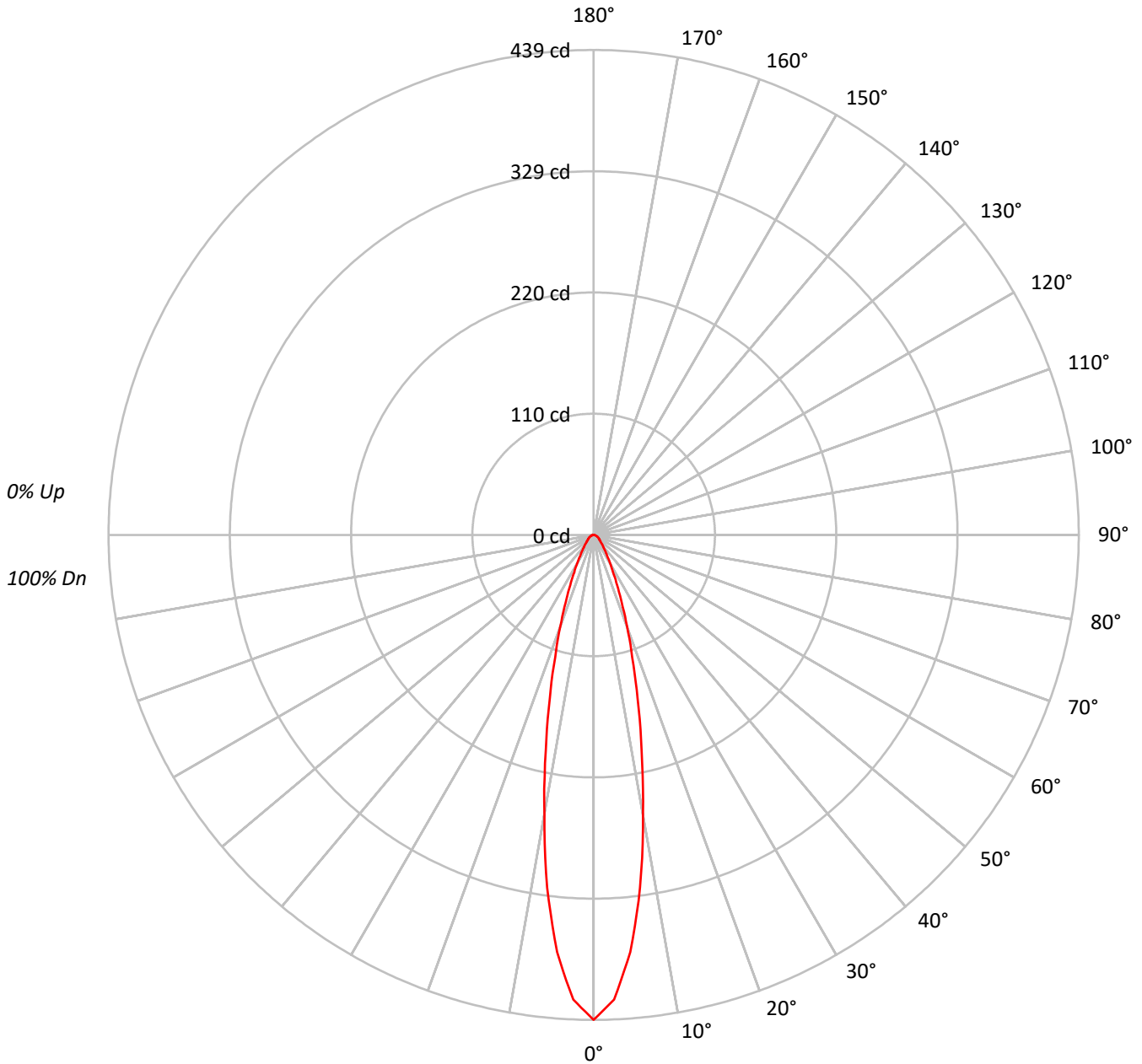
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 129.7 lumens  
Efficiency: N/A  
Efficacy: 173.4 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): 0.748  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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): 24.2  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20			
RC	80				70				50				30				10			
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93		
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87		
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	86	83	82		
4	99	91	86	82	97	90	85	82	88	84	81	86	83	80	84	81	79	77		
5	94	87	81	77	93	86	81	77	84	79	76	82	78	75	81	77	75	73		
6	90	82	77	73	89	82	76	73	80	76	72	79	75	72	77	74	71	70		
7	87	79	73	69	86	78	73	69	77	72	69	76	71	68	74	71	68	67		
8	84	75	70	66	83	75	70	66	74	69	66	73	68	65	72	68	65	64		
9	81	72	67	63	80	72	67	63	71	66	63	70	66	63	69	65	63	61		
10	78	69	64	61	77	69	64	61	68	64	61	67	63	60	67	63	60	59		

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	222189
5°	192554
10°	132081
15°	80169
20°	47398
25°	27922
30°	17533
35°	11739
40°	8589
45°	6442
50°	5512
55°	5294
60°	5061
65°	4790
70°	4439
75°	3911
80°	2915
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	32.3	24.9
10°-20°	43.0	33.2
20°-30°	23.9	18.4
30°-40°	12.1	9.3
40°-50°	7.3	5.6
50°-60°	5.1	4.0
60°-70°	3.7	2.9
70°-80°	1.8	1.4
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°	99.2	76.5
0°-40°	111.3	85.8
0°-60°	123.7	95.4
0°-90°	129.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	129.7	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	439	
5°	379	32
15°	153	43
25°	50	24
35°	19	12
45°	9	7
55°	6	5
65°	4	4
75°	2	2
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	439
2.5°	421
5°	379
7.5°	322
10°	257
12.5°	200
15°	153
17.5°	116
20°	88
22.5°	66
25°	50
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°	6
57.5°	5
60°	5
62.5°	4
65°	4
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

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Scaled Data Report



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— 0°-180°

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(END OF REPORT)