

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: PORTFOLIO

Report Number: P1317909

Luminaire Tested: LDSQA3D02R259830DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

**Test Information**

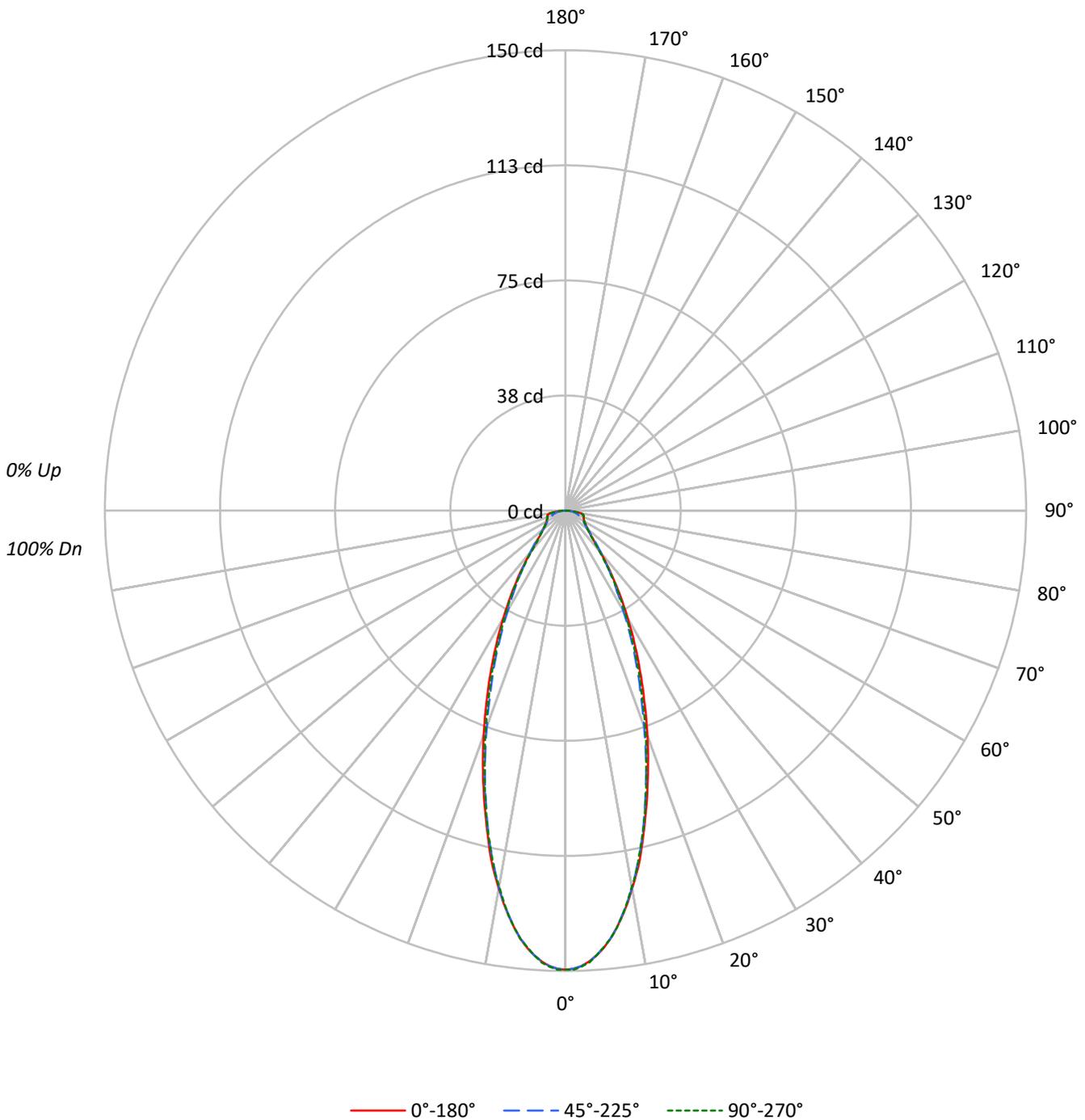
Test Method: LM-79-2019  
Report Number: P1317909  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R259830DE010 3LSQPHRLP1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , 3LSQPHRLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 113.0 lumens  
Efficiency: N/A  
Efficacy: 31.4 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.69  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
Input Voltage (V): NR  
Input Current (Ain): 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): NR  
Test Distance: 24 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				
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	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	81	81	81	80
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	74	74	74	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	68	68	68	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	63	63	63	61
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	58	58	58	56
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	63	58	54	54	54	54	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	51	51	51	49
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	48	48	48	46
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	45	45	45	44

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

	0°	45°	90°
0°	25765	25765	25765
5°	24722	24687	24687
10°	21860	21825	21755
15°	18044	17794	17883
20°	14295	13709	13947
25°	10889	10318	10584
30°	8034	7457	7776
35°	5740	5487	5550
40°	3934	4024	3822
45°	2923	3093	2874
50°	2545	2545	2492
55°	2402	2312	2402
60°	2446	2273	2446
65°	2690	2323	2690
70°	3223	2316	3122
75°	4059	2462	4059
80°	5157	2678	4761
85°	4150	2371	4150

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 5157 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	13.1	11.6
10°-20°	27.7	24.6
20°-30°	25.4	22.5
30°-40°	16.8	14.8
40°-50°	9.8	8.6
50°-60°	7.1	6.3
60°-70°	6.1	5.4
70°-80°	5.0	4.4
80°-90°	2.1	1.8
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°	66.2	58.6
0°-40°	83.0	73.5
0°-60°	99.9	88.4
0°-90°	113.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	113.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	150	150	150	150	150	
5°	143	143	143	143	143	13
15°	101	101	100	100	100	28
25°	57	56	54	54	56	26
35°	27	27	26	26	26	17
45°	12	12	13	12	12	10
55°	8	8	8	8	8	7
65°	7	6	6	6	7	7
75°	6	5	4	5	6	6
85°	2	2	1	2	2	2
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	149.6	149.6	149.6	149.6	149.6
1°	149.3	149.3	149.3	149.3	149.6
2°	148.5	148.4	148.5	148.5	148.7
3°	147.1	147.1	147.1	147.1	147.5
4°	145.3	145.3	145.3	145.3	145.3
5°	143.0	142.8	142.8	143.0	142.8
6°	140.2	140.2	140.2	140.2	140.3
7°	136.9	136.8	136.8	136.6	136.9
8°	133.2	133.2	133.0	132.8	133.2
9°	129.3	129.4	129.1	128.9	128.9
10°	125.0	124.8	124.8	124.8	124.4
11°	120.7	120.2	120.0	120.0	120.3
12°	116.4	115.5	115.2	115.2	115.2
13°	111.2	110.9	110.3	110.0	110.2
14°	106.1	106.1	105.2	105.2	105.5
15°	101.2	100.9	99.8	100.2	100.3
17.5°	89.3	88.6	87.3	87.3	87.5
20°	78.0	76.8	74.8	75.7	76.1
22.5°	67.0	65.7	63.7	64.6	65.0
25°	57.3	55.7	54.3	54.5	55.7
27.5°	48.6	46.8	45.4	45.9	46.6
30°	40.4	39.3	37.5	38.4	39.1
32.5°	33.4	32.5	31.2	31.8	32.5
35°	27.3	26.8	26.1	26.1	26.4
37.5°	22.1	22.0	21.6	21.4	21.2
40°	17.5	17.9	17.9	17.5	17.0
42.5°	14.3	14.6	15.0	14.3	13.7
45°	12.0	12.3	12.7	12.0	11.8
47.5°	10.5	10.7	10.9	10.5	10.4
50°	9.5	9.5	9.5	9.3	9.3
52.5°	8.7	8.6	8.4	8.6	8.6
55°	8.0	8.0	7.7	7.9	8.0
57.5°	7.5	7.3	7.1	7.3	7.5
60°	7.1	6.8	6.6	6.8	7.1
62.5°	6.8	6.4	6.1	6.4	6.8
65°	6.6	6.1	5.7	6.1	6.6
67.5°	6.4	5.7	5.2	5.7	6.4
70°	6.4	5.4	4.6	5.4	6.2
72.5°	6.2	5.0	4.3	5.0	6.2
75°	6.1	4.6	3.7	4.6	6.1
77.5°	5.9	4.3	3.2	4.3	5.7
80°	5.2	3.9	2.7	3.9	4.8
82.5°	3.7	3.2	2.1	3.2	3.6
85°	2.1	2.3	1.2	2.3	2.1
87.5°	0.4	0.5	0.4	0.9	0.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)