

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: P1323455

Luminaire Tested: LDSQA3D02R259030D2WDE010 3LSQPHRL1MW

Issue Date: 1/29/2026

**Test Information**

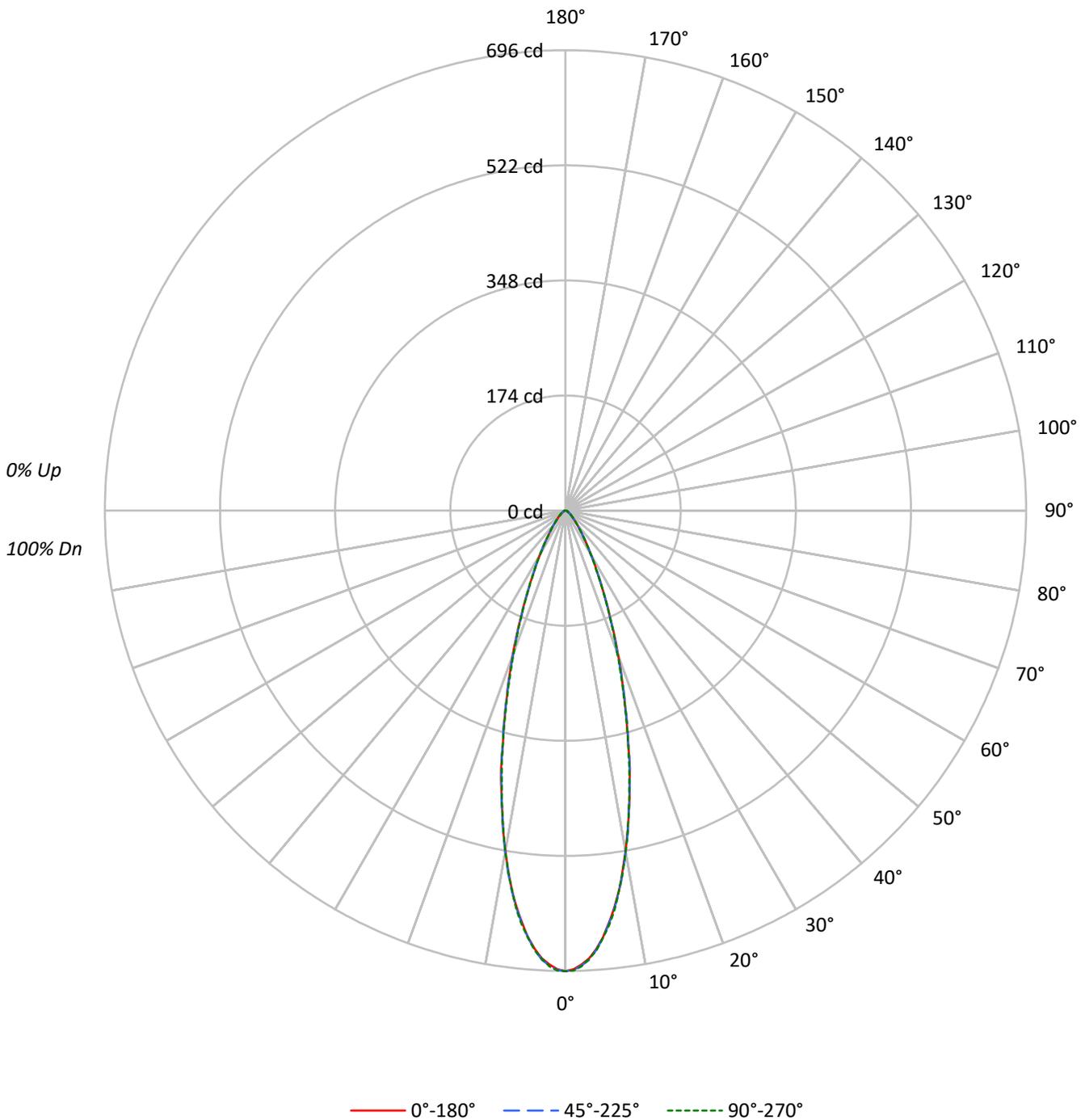
Test Method: LM-79-2019  
Report Number: P1323455  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R259030D2WDE010 3LSQPHRL1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
3LSQPHRL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 279.0 lumens  
Efficiency: N/A  
Efficacy: 38.7 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.54  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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				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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	92	90	93	92	90	88
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	89	87	85	83
4	99	92	87	83	97	91	86	83	89	85	82	87	84	81	85	82	80	85	82	80	79
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	82	78	76	74
6	91	83	78	74	90	82	77	73	81	76	73	79	76	73	78	75	72	78	75	72	71
7	87	79	74	70	86	78	73	70	77	73	69	76	72	69	75	71	69	75	71	69	67
8	84	76	70	67	83	75	70	66	74	69	66	73	69	66	72	68	66	72	68	66	64
9	81	72	67	64	80	72	67	63	71	66	63	70	66	63	69	66	63	69	66	63	62
10	78	69	64	61	77	69	64	61	68	64	61	67	63	60	67	63	60	67	63	60	59

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

	0°	45°	90°
0°	119919	119919	119919
5°	111940	112044	112096
10°	91305	91584	91584
15°	65204	65560	65204
20°	42685	42263	41659
25°	25369	25502	25369
30°	15293	15293	15213
35°	9314	9377	9314
40°	5935	6003	6003
45°	4116	4116	4116
50°	2974	3054	3054
55°	2342	2342	2432
60°	1894	2032	2032
65°	1712	1712	1712
70°	1460	1460	1662
75°	1331	1331	1530
80°	1289	1289	1289
85°	593	593	593

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4116 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	57.9	20.7
10°-20°	100.9	36.2
20°-30°	63.4	22.7
30°-40°	29.0	10.4
40°-50°	13.5	4.9
50°-60°	7.3	2.6
60°-70°	4.3	1.5
70°-80°	2.2	0.8
80°-90°	0.5	0.2
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°	222.1	79.6
0°-40°	251.1	90.0
0°-60°	272.0	97.5
0°-90°	279.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	279.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	696	696	696	696	696	
5°	648	649	648	649	648	58
15°	366	368	368	368	366	101
25°	134	135	134	134	134	64
35°	44	44	45	45	44	29
45°	17	17	17	17	17	13
55°	8	8	8	8	8	7
65°	4	4	4	4	4	4
75°	2	2	2	2	2	2
85°	0	0	0	0	0	0
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	696.3	696.3	696.3	696.3	696.3
1°	693.4	694.0	694.7	695.7	695.3
2°	686.9	688.2	688.5	689.8	689.5
3°	678.1	677.7	680.3	680.3	678.7
4°	664.4	665.0	665.7	666.3	666.7
5°	647.5	648.8	648.1	648.8	648.4
6°	626.6	628.6	628.2	628.9	629.9
7°	604.5	605.8	605.8	605.1	607.7
8°	580.4	579.4	581.0	580.4	580.0
9°	551.7	553.7	554.0	552.4	553.0
10°	522.1	523.4	523.7	524.7	523.7
11°	492.8	492.8	493.4	495.0	492.4
12°	460.8	463.8	460.8	462.1	460.8
13°	430.6	431.2	430.6	430.2	427.9
14°	401.9	399.6	400.3	397.7	398.0
15°	365.7	368.0	367.7	368.3	365.7
17.5°	294.1	295.4	295.1	294.4	291.2
20°	232.9	232.9	230.6	229.3	227.3
22.5°	177.8	177.2	176.2	175.2	175.9
25°	133.5	135.2	134.2	134.2	133.5
27.5°	101.0	102.9	101.3	100.3	101.0
30°	76.9	77.5	76.9	76.5	76.5
32.5°	58.0	58.3	58.0	58.0	58.0
35°	44.3	44.3	44.6	44.6	44.3
37.5°	34.2	34.2	34.2	34.2	34.5
40°	26.4	26.7	26.7	26.7	26.7
42.5°	20.8	21.2	21.2	21.2	21.2
45°	16.9	16.9	16.9	16.9	16.9
47.5°	13.7	13.7	13.7	13.7	14.0
50°	11.1	11.4	11.4	11.4	11.4
52.5°	9.4	9.4	9.4	9.4	9.4
55°	7.8	7.8	7.8	8.1	8.1
57.5°	6.5	6.5	6.8	6.8	6.8
60°	5.5	5.9	5.9	5.9	5.9
62.5°	4.9	4.9	5.2	5.2	5.2
65°	4.2	4.2	4.2	4.2	4.2
67.5°	3.6	3.6	3.6	3.6	3.9
70°	2.9	2.9	2.9	3.3	3.3
72.5°	2.6	2.6	2.6	2.6	2.6
75°	2.0	2.0	2.0	2.3	2.3
77.5°	1.6	1.6	1.6	1.6	1.6
80°	1.3	1.3	1.3	1.3	1.3
82.5°	0.7	0.7	1.0	1.0	1.0
85°	0.3	0.3	0.3	0.3	0.3
87.5°	0.0	0.0	0.0	0.0	0.0



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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)