

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: P1323564

Luminaire Tested: LDSQA3D05R159030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

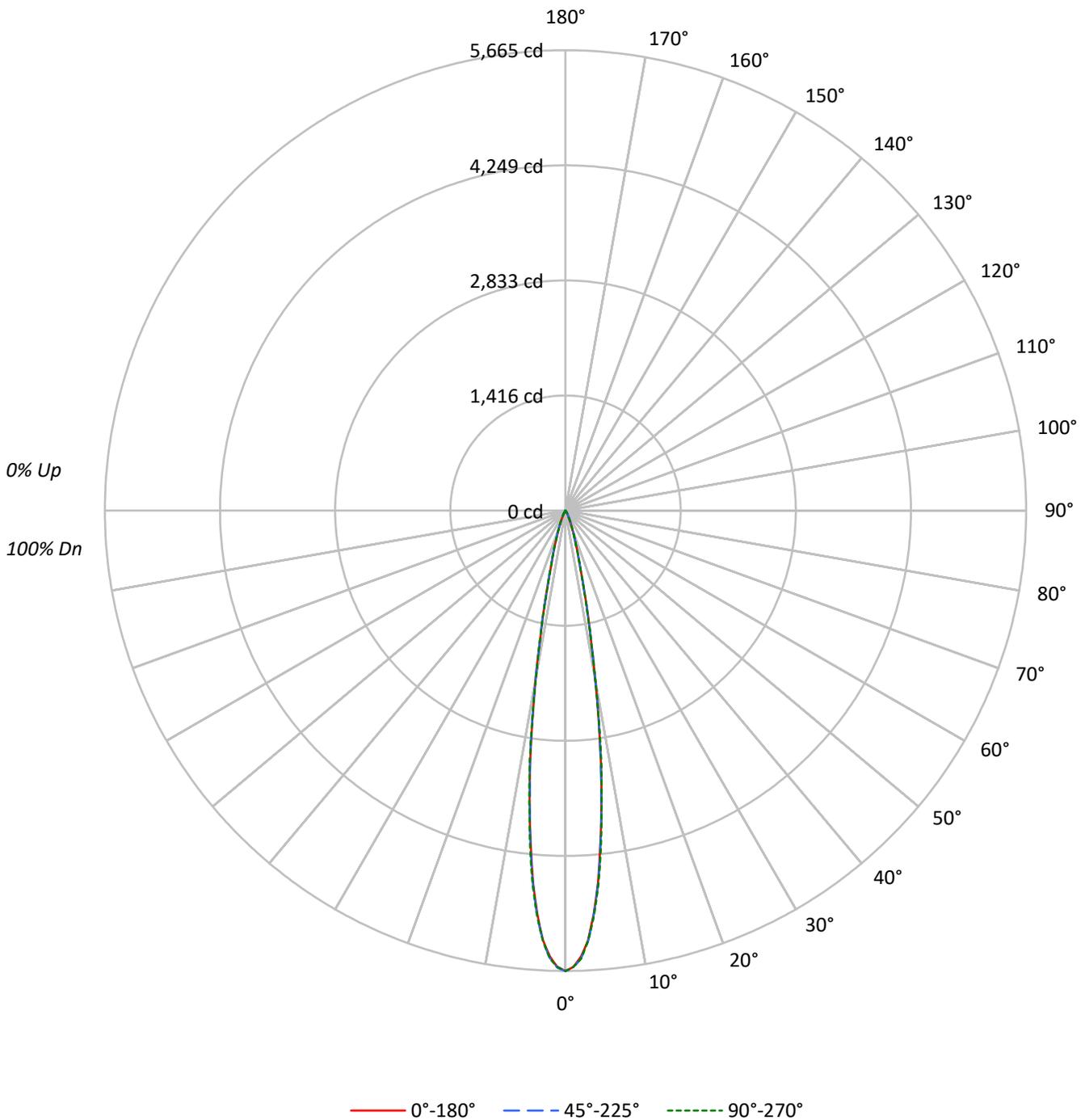
Test Method: LM-79-2019  
Report Number: P1323564  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-33)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R159030D2WDE010 3LSQCDR1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 636.0 lumens  
Efficiency: N/A  
Efficacy: 57.3 lumens/watt  
Spacing Criteria (0/90/45): 0.29 / 0.3 / 0.29  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	99	98	98	98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	99	98	97	96
3	110	106	103	100	108	104	102	99	102	100	98	100	98	96	98	96	95	98	96	95	94
4	107	102	99	97	106	101	98	96	100	97	95	98	96	94	96	94	93	96	94	93	92
5	105	100	96	94	103	99	96	93	97	95	93	96	94	92	95	93	91	95	93	91	90
6	102	97	94	91	101	97	93	91	95	92	90	94	92	90	93	91	89	93	91	89	88
7	100	95	92	89	99	94	91	89	93	91	89	92	90	88	92	89	88	92	89	88	87
8	98	93	90	87	98	93	89	87	92	89	87	91	88	86	90	88	86	90	88	86	85
9	97	91	88	86	96	91	88	85	90	87	85	89	87	85	89	86	85	89	86	85	84
10	95	89	86	84	94	89	86	84	89	86	84	88	85	84	87	85	83	87	85	83	83

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

	0°	45°	90°
0°	975693	975693	975693
5°	793383	796149	798915
10°	369485	369835	367824
15°	114325	118426	116197
20°	45581	48146	45031
25°	19079	22499	18129
30°	7756	10321	7159
35°	2523	4731	2313
40°	899	1911	899
45°	365	609	365
50°	268	402	268
55°	300	300	300
60°	344	344	344
65°	204	204	204
70°	252	252	252
75°	333	333	333
80°	0	0	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 609 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	354.6	55.8
10°-20°	212.0	33.3
20°-30°	54.0	8.5
30°-40°	11.7	1.8
40°-50°	1.9	0.3
50°-60°	0.9	0.1
60°-70°	0.6	0.1
70°-80°	0.3	0.1
80°-90°	0.0	0.0
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°	620.6	97.6
0°-40°	632.3	99.4
0°-60°	635.1	99.9
0°-90°	636.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	636.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	5665	5665	5665	5665	5665	
5°	4589	4596	4605	4584	4621	354
15°	641	659	664	655	652	211
25°	100	107	118	105	95	51
35°	12	16	22	15	11	9
45°	2	2	2	2	2	1
55°	1	1	1	1	1	1
65°	0	0	0	0	0	1
75°	0	0	0	0	0	0
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°	5665.3	5665.3	5665.3	5665.3	5665.3
1°	5615.9	5625.4	5626.9	5625.4	5617.4
2°	5489.6	5517.5	5511.5	5499.5	5516.5
3°	5294.3	5308.3	5306.3	5307.3	5303.3
4°	4976.7	5001.2	4987.2	4997.7	4998.7
5°	4589.2	4595.7	4605.2	4584.2	4621.2
6°	4112.3	4153.7	4117.3	4153.2	4167.7
7°	3627.4	3651.4	3604.9	3629.9	3644.9
8°	3131.5	3089.6	3115.1	3115.6	3165.0
9°	2596.2	2604.7	2626.2	2601.7	2623.2
10°	2112.8	2132.3	2114.8	2106.3	2103.3
11°	1668.4	1690.4	1688.9	1691.4	1674.9
12°	1342.3	1330.8	1338.3	1313.8	1324.8
13°	1044.7	1045.2	1039.2	1029.2	1020.2
14°	818.5	813.5	827.5	815.0	803.5
15°	641.2	659.2	664.2	654.7	651.7
17.5°	395.5	396.0	403.0	394.0	393.0
20°	248.7	254.7	262.7	253.2	245.7
22.5°	157.3	162.8	175.3	163.3	152.8
25°	100.4	107.4	118.4	104.9	95.4
27.5°	62.9	69.4	79.9	67.4	60.4
30°	39.0	43.4	51.9	42.4	36.0
32.5°	22.5	27.0	34.0	25.5	21.5
35°	12.0	15.5	22.5	15.0	11.0
37.5°	7.0	9.0	14.5	8.0	6.5
40°	4.0	5.5	8.5	5.0	4.0
42.5°	2.5	3.5	4.0	3.0	2.0
45°	1.5	2.0	2.5	2.0	1.5
47.5°	1.0	1.5	2.0	1.0	1.0
50°	1.0	1.0	1.5	1.0	1.0
52.5°	1.0	1.0	1.0	1.0	1.0
55°	1.0	1.0	1.0	1.0	1.0
57.5°	1.0	1.0	1.0	1.0	1.0
60°	1.0	1.0	1.0	1.0	1.0
62.5°	0.5	0.5	0.5	0.5	0.5
65°	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
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)