

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: P1323452

Luminaire Tested: LDSQA3D02R259030D2WDE010 3LSQPHR1MW

Issue Date: 1/29/2026

**Test Information**

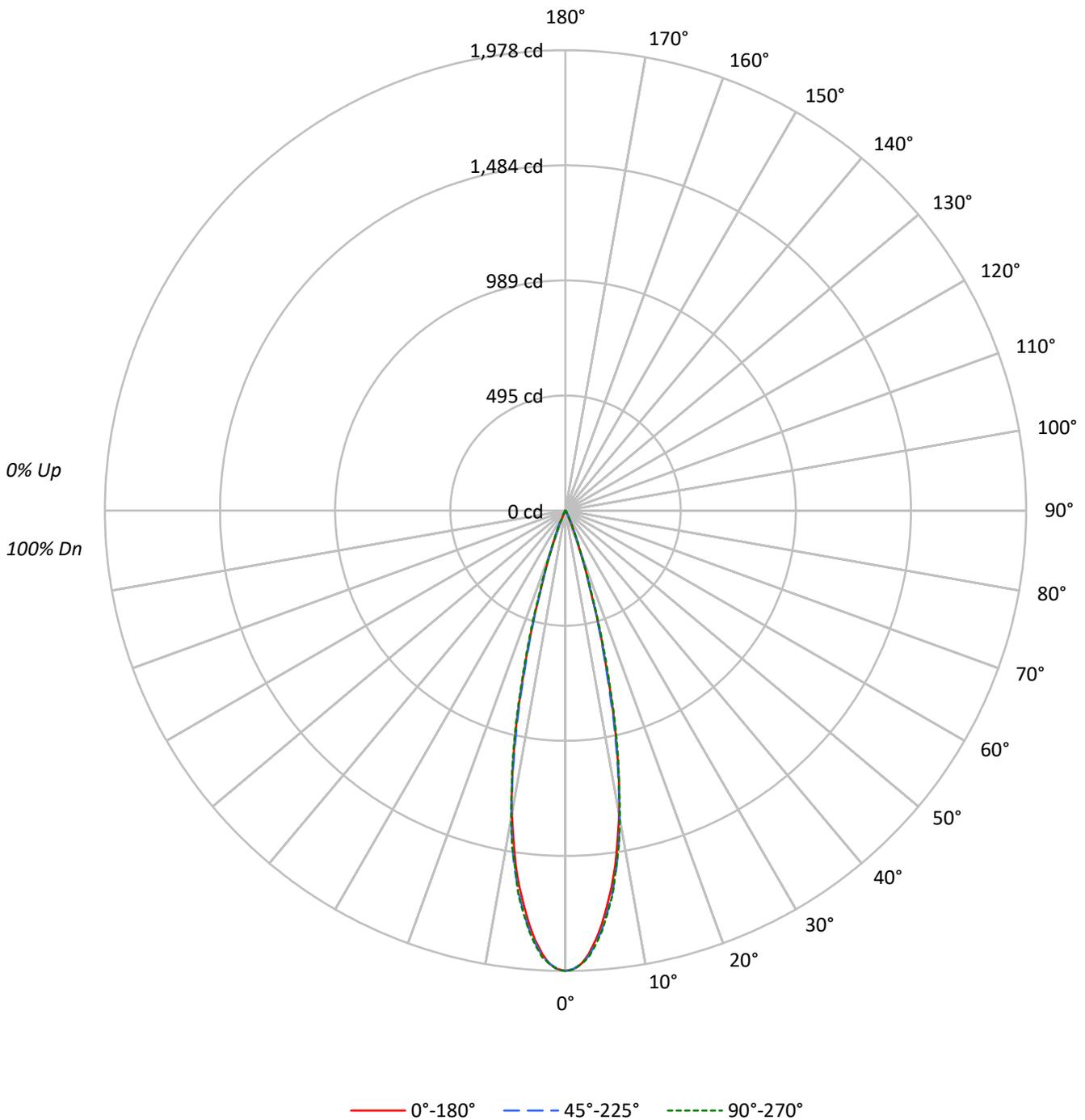
Test Method: LM-79-2019  
Report Number: P1323452  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R259030D2WDE010 3LSQPHR1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
3LSQPHR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 365.0 lumens  
Efficiency: N/A  
Efficacy: 50.7 lumens/watt  
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4  
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				
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	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	99	99	99	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	96	96	96	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	94	94	94	93
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	92	92	92	91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	89	89	89	88
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	87	87	87	86
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	86	86	86	85
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	86	84	84	84	84	83
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	82	82	82	81
10	93	87	83	81	92	86	83	81	86	83	81	85	82	80	85	82	80	80	80	80	80

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

	0°	45°	90°
0°	340622	340622	340622
5°	308661	311479	313000
10°	232048	233691	234776
15°	114895	111472	118889
20°	32440	32990	33338
25°	5625	10641	6670
30°	2207	2267	2327
35°	694	757	757
40°	225	292	225
45°	170	73	170
50°	80	0	80
55°	90	0	90
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 170 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	157.1	43.0
10°-20°	177.2	48.5
20°-30°	27.5	7.5
30°-40°	2.8	0.8
40°-50°	0.4	0.1
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
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°	361.8	99.1
0°-40°	364.6	99.9
0°-60°	365.0	100.0
0°-90°	365.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	365.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1978	1978	1978	1978	1978	
5°	1785	1789	1802	1809	1810	156
15°	644	640	625	653	667	176
25°	30	44	56	43	35	25
35°	3	4	4	4	4	3
45°	1	0	0	0	1	0
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1977.8	1977.8	1977.8	1977.8	1977.8
1°	1969.6	1972.2	1969.3	1972.6	1972.2
2°	1949.1	1951.7	1948.1	1950.1	1950.1
3°	1907.1	1912.7	1915.9	1918.2	1920.2
4°	1851.8	1858.0	1862.9	1868.7	1868.7
5°	1785.4	1788.7	1801.7	1808.9	1810.5
6°	1706.3	1719.4	1729.1	1743.4	1734.6
7°	1627.3	1638.0	1651.7	1653.9	1660.1
8°	1537.4	1548.8	1561.5	1559.2	1554.0
9°	1428.1	1444.7	1459.6	1454.8	1461.3
10°	1326.9	1336.9	1336.3	1331.4	1342.5
11°	1209.4	1211.7	1199.0	1218.8	1206.8
12°	1070.1	1072.0	1055.8	1075.3	1087.7
13°	936.6	932.1	909.6	935.3	951.0
14°	783.0	784.7	756.0	805.8	801.9
15°	644.4	639.8	625.2	653.2	666.8
17.5°	343.3	346.3	342.7	356.7	365.5
20°	177.0	181.9	180.0	185.8	181.9
22.5°	91.8	98.6	100.6	96.0	83.6
25°	29.6	43.9	56.0	42.6	35.1
27.5°	17.9	17.6	27.3	18.9	19.2
30°	11.1	10.7	11.4	11.4	11.7
32.5°	6.2	6.5	6.2	6.8	6.5
35°	3.3	3.6	3.6	3.9	3.6
37.5°	2.0	2.3	2.3	2.3	2.0
40°	1.0	1.3	1.3	1.0	1.0
42.5°	0.7	0.7	0.7	0.7	0.7
45°	0.7	0.3	0.3	0.3	0.7
47.5°	0.3	0.3	0.0	0.3	0.3
50°	0.3	0.3	0.0	0.3	0.3
52.5°	0.3	0.0	0.0	0.0	0.3
55°	0.3	0.0	0.0	0.0	0.3
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
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)