

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: P1307294

Luminaire Tested: LDSQA3D17R259024DE010 3LSQCDR1MB

Issue Date: 1/29/2026

**Test Information**

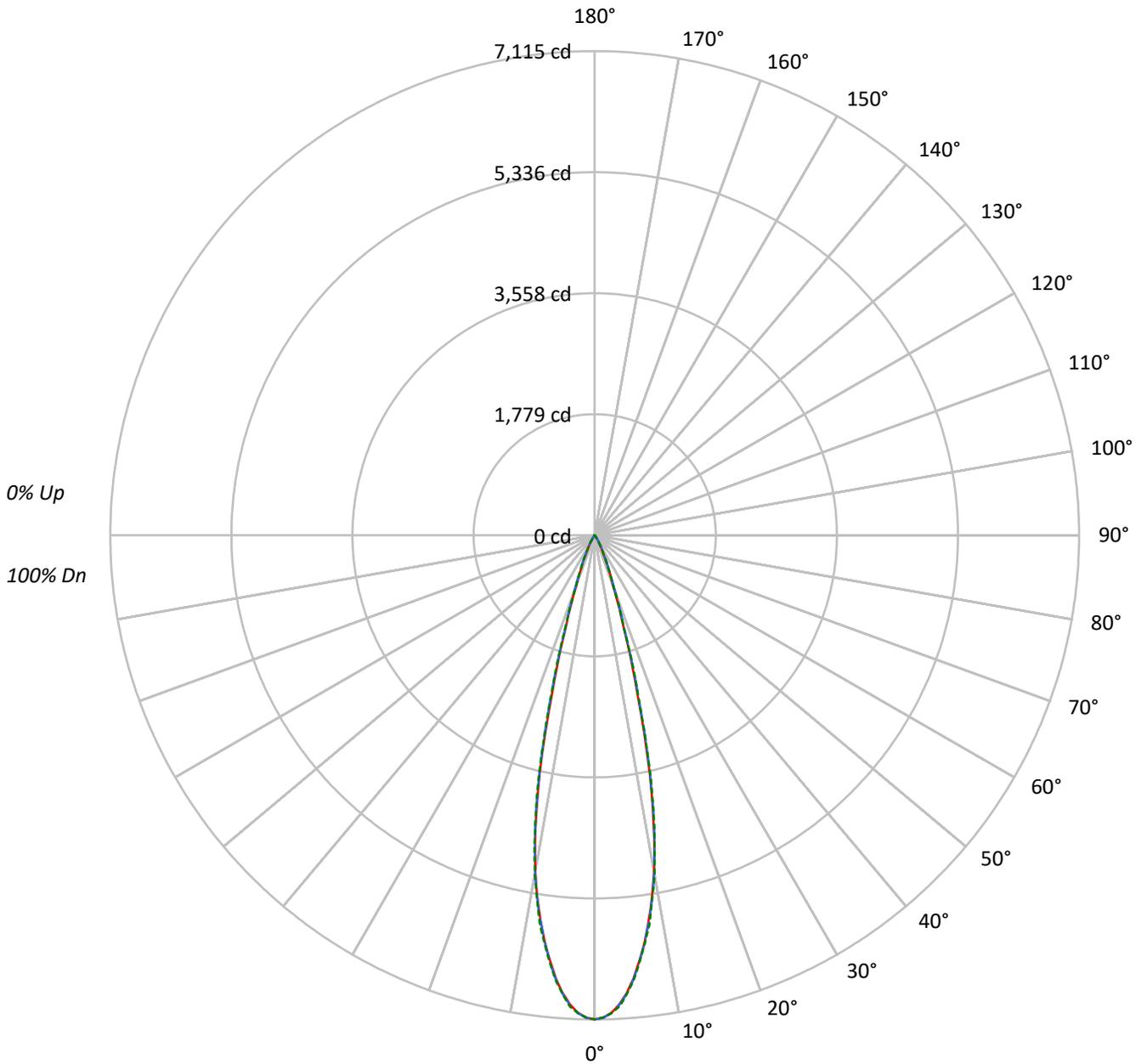
Test Method: LM-79-2019  
Report Number: P1307294  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R259024DE010 3LSQCDR1MB  
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , 3LSQCDR1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1481.0 lumens  
Efficiency: N/A  
Efficacy: 69.9 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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



— 0°-180°    - - 45°-225°    - - - 90°-270°



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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	100	100	100	100	
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	97	97	97	
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94	94	
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92	
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89	89	
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87	87	
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	84	84	84	
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	82	82	82	
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	80	80	80	
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	78	78	78	
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	77	77	77	77	

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

	0°	45°	90°
0°	1225364	1225364	1225364
5°	1129861	1132419	1134770
10°	877265	880448	885205
15°	433532	451771	451968
20°	145979	155766	148893
25°	60447	67155	62177
30°	23725	29830	23943
35°	6202	12173	6455
40°	2293	4856	2293
45°	268	1388	268
50°	0	295	0
55°	0	0	0
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: 45°  
 Vertical Angle: 45°  
 Luminance: 1388 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	576.5	38.9
10°-20°	697.3	47.1
20°-30°	170.3	11.5
30°-40°	33.1	2.2
40°-50°	3.8	0.3
50°-60°	0.0	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°	1444.1	97.5
0°-40°	1477.2	99.7
0°-60°	1481.0	100.0
0°-90°	1481.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1481.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	7115	7115	7115	7115	7115	
5°	6536	6545	6550	6579	6564	575
15°	2432	2489	2534	2559	2535	685
25°	318	335	353	339	327	162
35°	30	42	58	42	31	26
45°	1	3	6	3	1	2
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°	7115.0	7115.0	7115.0	7115.0	7115.0
1°	7087.7	7092.2	7093.4	7100.2	7086.6
2°	7022.9	7024.1	7027.5	7041.1	7028.6
3°	6903.6	6911.6	6912.7	6930.9	6934.3
4°	6741.2	6745.7	6754.8	6785.5	6758.2
5°	6535.5	6544.6	6550.3	6578.7	6563.9
6°	6281.0	6283.3	6295.8	6328.7	6308.3
7°	6021.9	6020.8	6021.9	6048.1	6042.4
8°	5709.5	5703.8	5722.0	5753.8	5775.4
9°	5383.4	5391.3	5402.7	5433.4	5408.4
10°	5016.4	5038.0	5034.6	5036.8	5061.8
11°	4593.7	4600.5	4601.7	4625.5	4622.1
12°	4097.2	4097.2	4134.7	4173.3	4160.8
13°	3596.1	3631.3	3606.3	3614.3	3664.3
14°	3012.1	3039.4	3073.5	3105.3	3080.3
15°	2431.5	2489.4	2533.8	2558.8	2534.9
17.5°	1393.0	1412.3	1449.8	1454.4	1439.6
20°	796.5	820.3	849.9	840.8	812.4
22.5°	501.1	507.9	537.4	522.7	515.8
25°	318.1	335.2	353.4	338.6	327.2
27.5°	197.7	209.1	228.4	212.5	200.0
30°	119.3	129.5	150.0	128.4	120.4
32.5°	62.5	77.3	94.3	78.4	62.5
35°	29.5	42.0	57.9	42.0	30.7
37.5°	18.2	22.7	35.2	22.7	18.2
40°	10.2	14.8	21.6	14.8	10.2
42.5°	4.5	8.0	10.2	8.0	5.7
45°	1.1	3.4	5.7	3.4	1.1
47.5°	0.0	0.0	3.4	1.1	0.0
50°	0.0	0.0	1.1	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
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)