

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: P1327469

Luminaire Tested: LDSQA3D13R15W2N902765DE010 3LSQCDR1MB\_3000K

Issue Date: 1/29/2026

**Test Information**

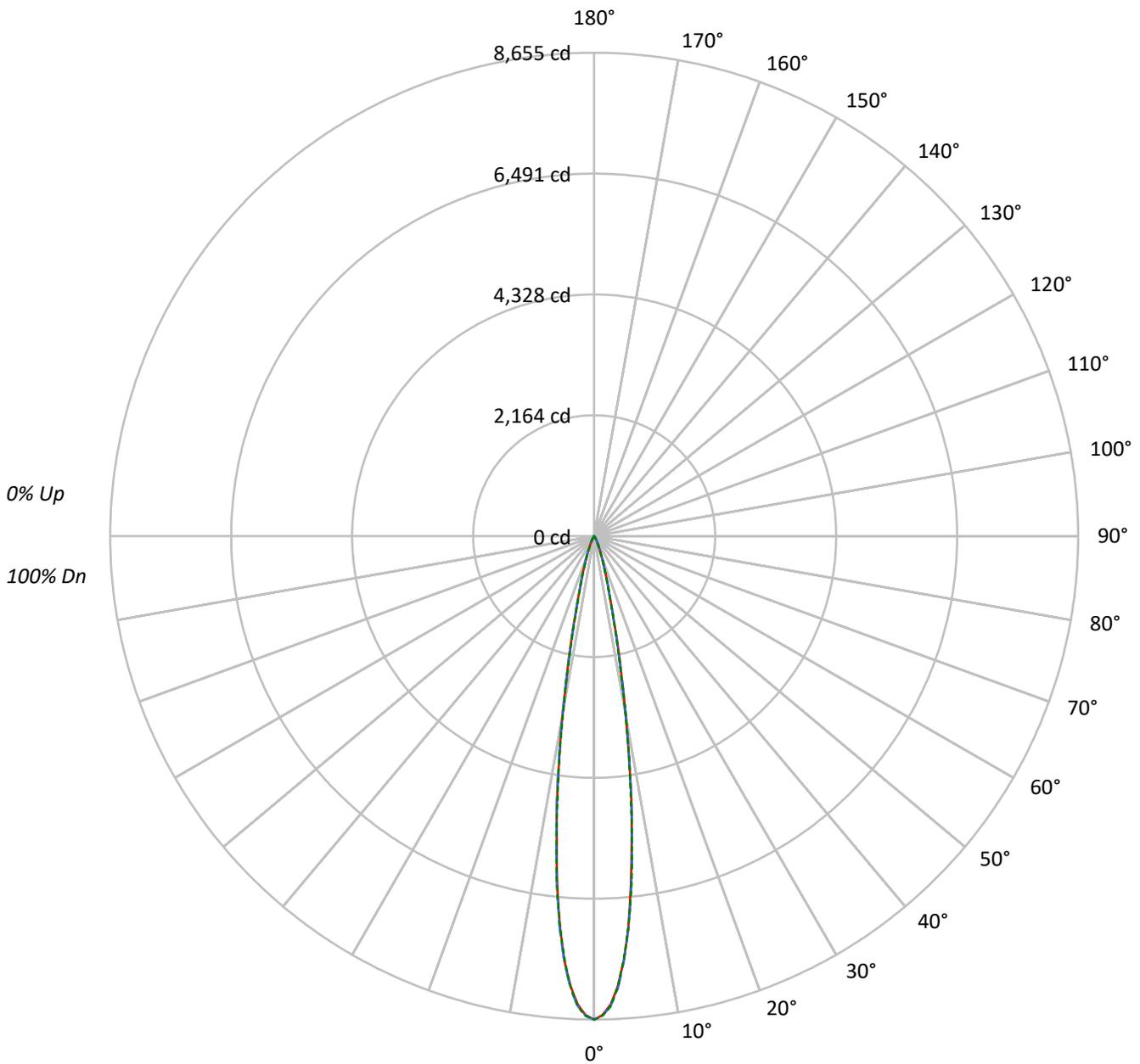
Test Method: LM-79-2019  
Report Number: P1327469  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R15W2N902765DE010 3LSQCDR1MB\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 966.0 lumens  
Efficiency: N/A  
Efficacy: 78.5 lumens/watt  
Spacing Criteria (0/90/45): 0.29 / 0.29 / 0.29  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 12.3  
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	
1	116	114	112	111	113	112	110	109	108	107	106	104	103	102	101	100	100	100	98	
2	113	109	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97	97	96	
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	96	95	95	94	
4	107	103	99	97	106	102	99	96	100	97	95	98	96	94	96	95	93	93	92	
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	91	91	90	
6	103	97	94	92	102	97	94	91	96	93	91	94	92	90	93	91	90	90	89	
7	101	95	92	90	100	95	92	89	94	91	89	93	90	88	92	90	88	88	87	
8	99	93	90	88	98	93	90	88	92	89	87	91	89	87	90	88	87	87	86	
9	97	91	88	86	96	91	88	86	90	88	86	90	87	85	89	87	85	85	84	
10	95	90	87	84	95	90	86	84	89	86	84	88	86	84	88	85	84	84	83	

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

	0°	45°	90°
0°	1490639	1490639	1490639
5°	1213656	1217615	1215246
10°	566137	571226	564004
15°	177781	179279	178191
20°	70433	73237	68197
25°	28466	34414	27440
30°	11395	15651	10779
35°	3364	6917	3217
40°	1034	2585	854
45°	195	560	195
50°	0	214	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: 560 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	541.9	56.1
10°-20°	324.1	33.6
20°-30°	81.7	8.5
30°-40°	16.7	1.7
40°-50°	1.6	0.2
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°	947.7	98.1
0°-40°	964.4	99.8
0°-60°	966.0	100.0
0°-90°	966.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	966.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	8655	8655	8655	8655	8655	
5°	7020	7007	7043	7026	7029	540
15°	997	1006	1006	991	999	324
25°	150	164	181	160	144	77
35°	16	21	33	21	15	13
45°	1	2	2	2	1	1
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°	8655.3	8655.3	8655.3	8655.3	8655.3
1°	8577.4	8606.4	8591.1	8603.4	8589.6
2°	8391.7	8430.7	8418.5	8414.6	8425.3
3°	8064.7	8109.8	8108.3	8096.8	8078.5
4°	7618.5	7600.2	7628.4	7625.4	7594.0
5°	7020.2	7007.2	7043.1	7025.6	7029.4
6°	6288.3	6344.8	6332.6	6334.1	6348.6
7°	5502.0	5532.6	5558.6	5580.0	5550.2
8°	4780.0	4772.3	4774.6	4799.1	4716.6
9°	3971.6	4019.0	3988.4	3939.5	3970.8
10°	3237.3	3266.4	3266.4	3223.6	3225.1
11°	2581.0	2604.7	2587.9	2598.6	2531.3
12°	2080.5	2021.7	2008.0	2018.7	2017.9
13°	1588.5	1592.3	1588.5	1587.7	1580.1
14°	1245.4	1265.3	1256.9	1236.3	1227.1
15°	997.1	1005.5	1005.5	991.0	999.4
17.5°	599.0	609.0	611.3	601.3	601.3
20°	384.3	388.9	399.6	385.1	372.1
22.5°	236.9	246.8	265.1	243.7	233.0
25°	149.8	163.5	181.1	160.5	144.4
27.5°	94.0	105.4	120.7	100.9	90.9
30°	57.3	64.9	78.7	63.4	54.2
32.5°	32.1	38.2	49.7	36.7	30.6
35°	16.0	21.4	32.9	20.6	15.3
37.5°	9.2	11.5	20.6	9.9	8.4
40°	4.6	6.1	11.5	6.1	3.8
42.5°	1.5	3.1	4.6	3.1	1.5
45°	0.8	1.5	2.3	1.5	0.8
47.5°	0.0	0.0	0.8	0.0	0.0
50°	0.0	0.0	0.8	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)