

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: P1320856

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQCDR1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

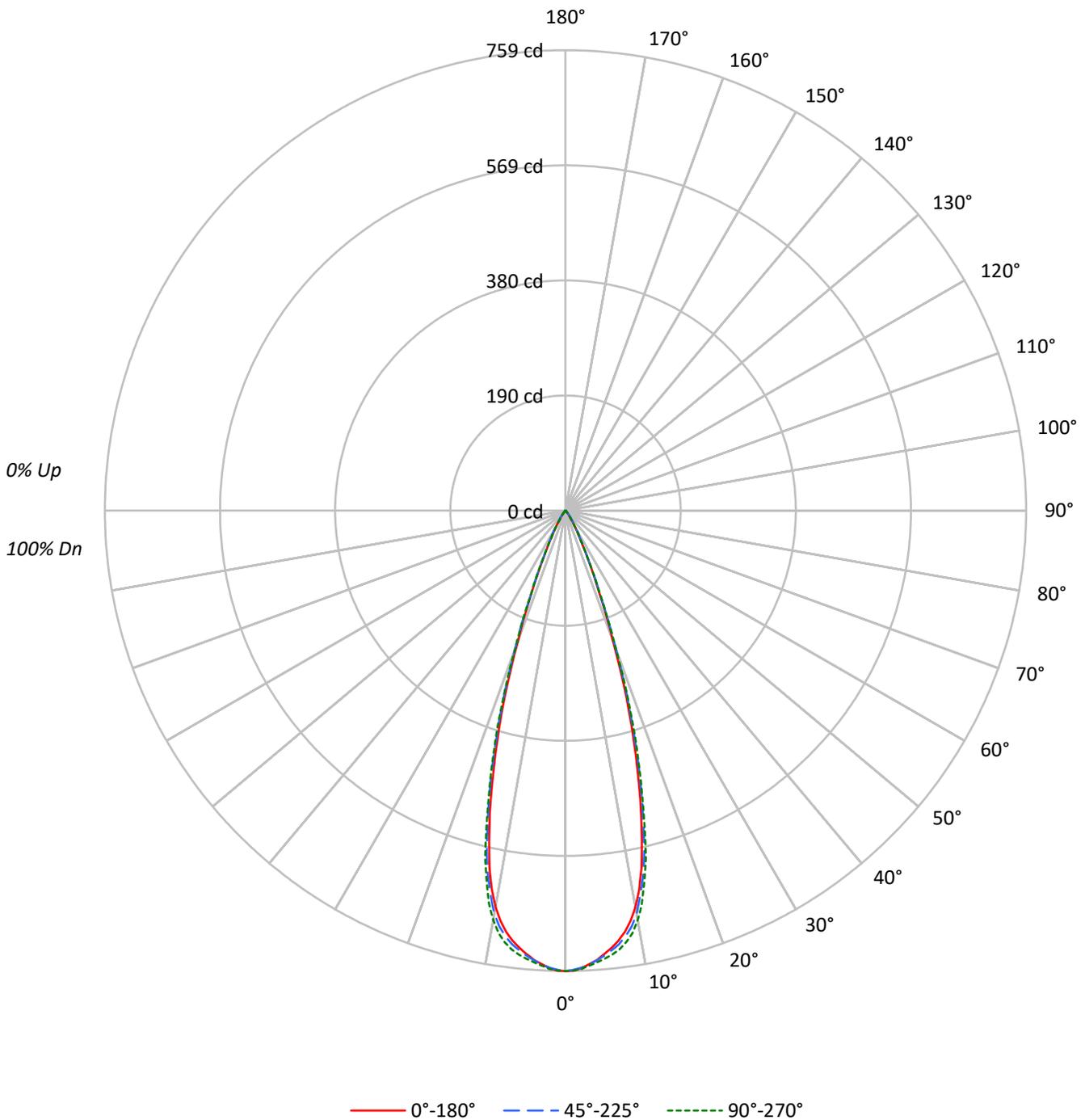
Test Method: LM-79-2019  
Report Number: P1320856  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R35B2750DE010 3LSQCDR1MW\_3000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 255.0 lumens  
Efficiency: N/A  
Efficacy: 87.9 lumens/watt  
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 2.9  
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	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	90	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	87	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	84	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	81	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	78	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	81	78	76	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	73	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	71	70

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

	0°	45°	90°
0°	130734	130734	130734
5°	126877	127326	128174
10°	116050	118079	119880
15°	83301	86350	87241
20°	41897	44353	44463
25°	15886	16380	16456
30°	6443	7398	6324
35°	2334	3553	2250
40°	989	1529	944
45°	244	633	244
50°	161	268	161
55°	180	180	180
60°	207	207	207
65°	163	163	163
70°	101	101	101
75°	133	133	133
80°	198	198	198
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 633 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	68.6	26.9
10°-20°	127.9	50.1
20°-30°	46.0	18.0
30°-40°	9.7	3.8
40°-50°	1.7	0.7
50°-60°	0.5	0.2
60°-70°	0.4	0.2
70°-80°	0.2	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°	242.5	95.1
0°-40°	252.2	98.9
0°-60°	254.4	99.7
0°-90°	255.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	255.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	759	759	759	759	759	
5°	734	735	736	741	741	68
15°	467	475	484	490	489	124
25°	84	85	86	87	87	44
35°	11	13	17	13	11	8
45°	1	2	3	2	1	1
55°	1	1	1	1	1	1
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°	759.1	759.1	759.1	759.1	759.1
1°	758.7	758.7	757.1	758.9	758.3
2°	754.6	755.0	754.0	756.2	756.0
3°	748.8	749.8	749.0	752.2	751.2
4°	742.6	743.4	743.0	747.0	746.6
5°	733.9	735.3	736.5	741.4	741.4
6°	724.9	726.3	728.9	734.3	736.1
7°	714.6	716.4	720.5	727.7	728.9
8°	701.4	703.4	709.2	717.0	718.5
9°	685.1	688.1	694.7	704.0	705.0
10°	663.6	666.0	675.2	682.9	685.5
11°	635.8	637.8	645.9	658.5	660.0
12°	601.9	604.3	614.9	623.0	624.6
13°	559.2	563.7	576.5	584.4	588.8
14°	515.2	521.3	530.5	541.8	539.1
15°	467.2	475.4	484.3	489.5	489.3
17.5°	349.6	354.4	362.4	365.3	369.3
20°	228.6	234.8	242.0	244.8	242.6
22.5°	141.9	143.5	145.7	146.9	146.5
25°	83.6	84.8	86.2	87.0	86.6
27.5°	50.3	53.1	55.1	52.7	51.3
30°	32.4	33.6	37.2	34.0	31.8
32.5°	19.3	22.1	25.1	21.3	18.5
35°	11.1	13.1	16.9	12.9	10.7
37.5°	7.2	8.2	10.9	8.0	7.0
40°	4.4	5.6	6.8	5.2	4.2
42.5°	2.2	3.4	4.0	3.0	2.2
45°	1.0	1.6	2.6	1.6	1.0
47.5°	0.6	0.8	1.6	0.8	0.6
50°	0.6	0.6	1.0	0.6	0.6
52.5°	0.6	0.6	0.6	0.6	0.6
55°	0.6	0.6	0.6	0.6	0.6
57.5°	0.6	0.6	0.6	0.6	0.6
60°	0.6	0.6	0.6	0.6	0.6
62.5°	0.4	0.4	0.4	0.4	0.4
65°	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4
70°	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	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)