

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: P1320853

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQCDR1MMS\_4000K

Issue Date: 1/29/2026

**Test Information**

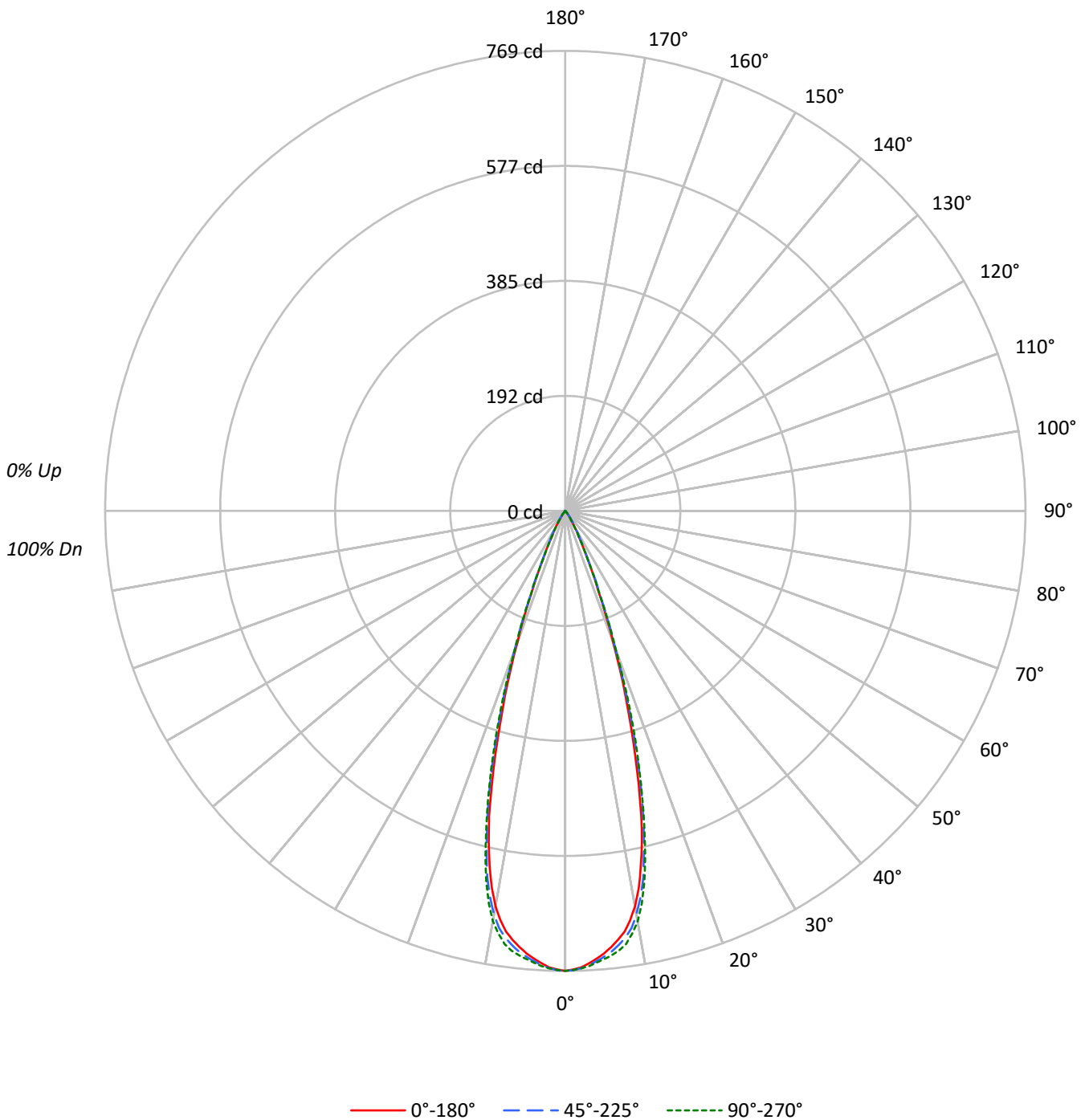
Test Method: LM-79-2019  
Report Number: P1320853  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R35B2750DE010 3LSQCDR1MMS\_4000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 80CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 256.0 lumens  
Efficiency: N/A  
Efficacy: 88.3 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	100	100	100	100
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	96	96	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	93	93	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	88	86	86	86	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	83	83	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	80	80	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78	78	78	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	75	75	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	73	73	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	71	71	71

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

	0°	45°	90°
0°	132422	132422	132422
5°	128398	129315	130006
10°	117327	119810	121873
15°	84371	88061	88792
20°	42960	45122	45232
25°	16304	16646	16190
30°	6324	7338	6165
35°	2166	3406	2039
40°	719	1326	674
45°	49	438	49
50°	0	54	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: 438 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	69.6	27.2
10°-20°	129.7	50.7
20°-30°	46.6	18.2
30°-40°	9.1	3.6
40°-50°	1.0	0.4
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°	245.9	96.1
0°-40°	255.0	99.6
0°-60°	256.0	100.0
0°-90°	256.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	256.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	769	769	769	769	769	
5°	743	745	748	751	752	69
15°	473	481	494	497	498	126
25°	86	87	88	87	85	45
35°	10	12	16	12	10	8
45°	0	1	2	1	0	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°	768.9	768.9	768.9	768.9	768.9
1°	766.6	767.7	767.9	769.3	767.7
2°	763.4	764.0	764.8	766.0	765.2
3°	757.1	758.3	760.2	761.8	761.8
4°	750.4	752.0	754.3	757.1	756.9
5°	742.7	744.7	748.0	751.4	752.0
6°	733.0	735.4	740.7	745.6	746.4
7°	722.6	726.3	731.4	738.5	740.3
8°	710.5	713.3	720.6	728.9	731.0
9°	692.6	696.9	706.2	713.9	715.1
10°	670.9	674.0	685.1	693.2	696.9
11°	643.0	647.4	658.4	666.7	669.1
12°	607.3	613.8	626.5	632.6	634.6
13°	568.8	574.2	584.2	591.7	593.3
14°	525.4	530.6	541.0	547.1	545.6
15°	473.2	481.2	493.9	497.4	498.0
17.5°	349.6	354.6	366.0	371.5	375.3
20°	234.4	239.3	246.2	249.8	246.8
22.5°	142.5	146.6	150.2	150.0	149.0
25°	85.8	86.6	87.6	87.0	85.2
27.5°	50.1	52.3	55.4	53.3	50.3
30°	31.8	33.7	36.9	33.5	31.0
32.5°	16.8	21.3	24.7	20.1	17.6
35°	10.3	11.8	16.2	12.0	9.7
37.5°	6.3	7.3	10.1	7.1	5.7
40°	3.2	4.7	5.9	4.3	3.0
42.5°	1.0	2.2	3.2	2.0	1.0
45°	0.2	0.6	1.8	0.6	0.2
47.5°	0.0	0.0	0.8	0.2	0.0
50°	0.0	0.0	0.2	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)