

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: P1320857

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQCDR1MW\_3500K

Issue Date: 1/29/2026

**Test Information**

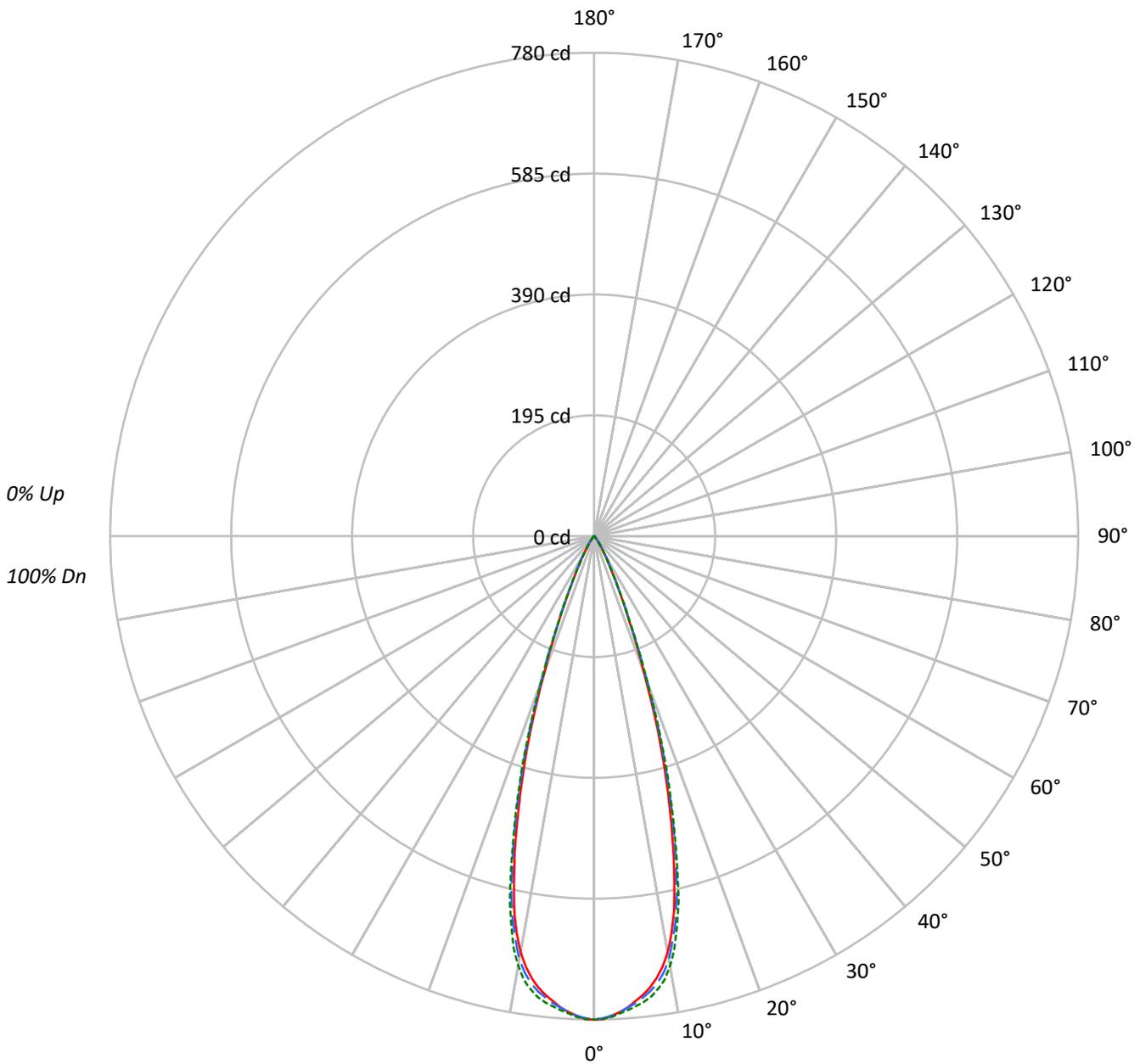
Test Method: LM-79-2019  
Report Number: P1320857  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R35B2750DE010 3LSQCDR1MW\_3500K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 80CRI , 3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 262.0 lumens  
Efficiency: N/A  
Efficacy: 90.3 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



— 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	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	80	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°	134334	134334	134334
5°	130352	130819	131700
10°	119233	121314	123168
15°	85583	88721	89630
20°	43051	45562	45672
25°	16323	16817	16893
30°	6622	7597	6503
35°	2397	3658	2313
40°	1012	1574	967
45°	244	658	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: 658 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	70.5	26.9
10°-20°	131.4	50.1
20°-30°	47.3	18.0
30°-40°	9.9	3.8
40°-50°	1.7	0.6
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°	249.1	95.1
0°-40°	259.1	98.9
0°-60°	261.3	99.8
0°-90°	262.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	262.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	780	780	780	780	780	
5°	754	755	757	762	762	70
15°	480	488	498	503	503	128
25°	86	87	88	89	89	46
35°	11	14	17	13	11	9
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°	780.0	780.0	780.0	780.0	780.0
1°	779.6	779.6	777.9	779.8	779.2
2°	775.3	775.7	774.7	776.9	776.7
3°	769.3	770.4	769.6	772.8	771.8
4°	763.0	763.8	763.4	767.5	767.1
5°	754.0	755.4	756.7	761.8	761.8
6°	744.8	746.2	748.9	754.4	756.3
7°	734.2	736.0	740.3	747.7	748.9
8°	720.7	722.7	728.7	736.6	738.3
9°	703.9	707.0	713.7	723.3	724.4
10°	681.8	684.3	693.7	701.7	704.3
11°	653.2	655.3	663.6	676.5	678.2
12°	618.5	620.9	631.8	640.1	641.8
13°	574.5	579.2	592.3	600.5	605.0
14°	529.3	535.7	545.1	556.7	553.9
15°	480.0	488.4	497.6	502.9	502.7
17.5°	359.2	364.1	372.3	375.4	379.5
20°	234.9	241.3	248.6	251.5	249.2
22.5°	145.8	147.4	149.7	150.9	150.5
25°	85.9	87.1	88.5	89.3	88.9
27.5°	51.7	54.6	56.6	54.2	52.7
30°	33.3	34.6	38.2	35.0	32.7
32.5°	19.8	22.7	25.8	21.9	19.0
35°	11.4	13.5	17.4	13.3	11.0
37.5°	7.4	8.4	11.2	8.2	7.2
40°	4.5	5.7	7.0	5.3	4.3
42.5°	2.2	3.5	4.1	3.1	2.2
45°	1.0	1.6	2.7	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)