

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: P1320847

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQCDR1MB\_3500K

Issue Date: 1/29/2026

**Test Information**

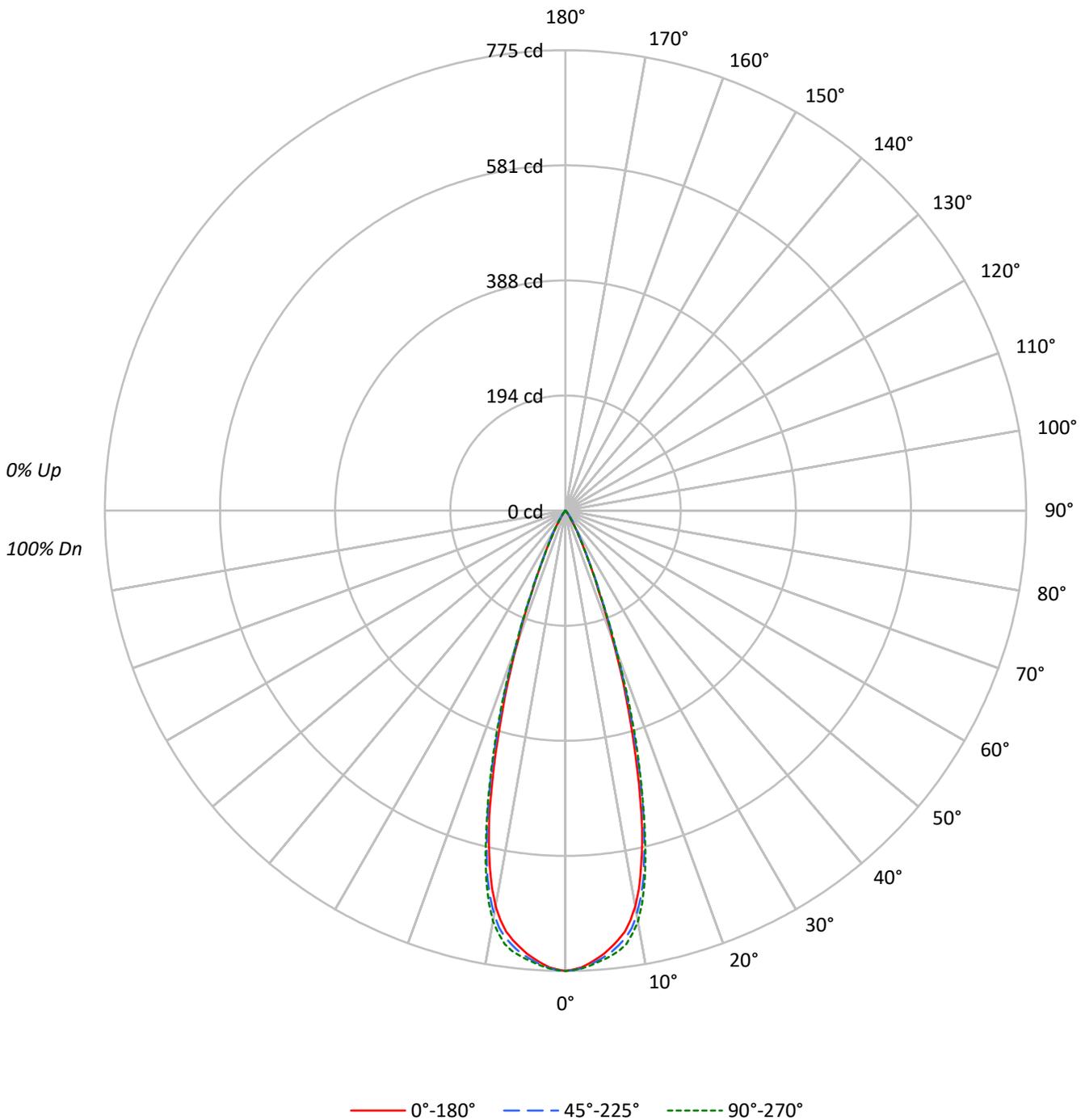
Test Method: LM-79-2019  
Report Number: P1320847  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R35B2750DE010 3LSQCDR1MB\_3500K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 80CRI , 3LSQCDR1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 258.0 lumens  
Efficiency: N/A  
Efficacy: 89.0 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	88	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71

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

	0°	45°	90°
0°	133455	133455	133455
5°	129401	130317	131026
10°	118253	120754	122818
15°	85030	88757	89488
20°	43290	45471	45581
25°	16418	16779	16304
30°	6384	7398	6224
35°	2187	3427	2060
40°	742	1326	697
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°	70.1	27.2
10°-20°	130.7	50.7
20°-30°	47.0	18.2
30°-40°	9.2	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°	247.8	96.0
0°-40°	257.0	99.6
0°-60°	258.0	100.0
0°-90°	258.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	258.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	775	775	775	775	775	
5°	748	751	754	757	758	69
15°	477	485	498	501	502	127
25°	86	87	88	88	86	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°	774.9	774.9	774.9	774.9	774.9
1°	772.6	773.7	773.9	775.3	773.7
2°	769.4	770.0	770.8	772.0	771.2
3°	763.0	764.3	766.1	767.7	767.7
4°	756.3	757.9	760.2	763.0	762.8
5°	748.5	750.6	753.8	757.3	757.9
6°	738.7	741.2	746.5	751.4	752.2
7°	728.3	732.0	737.1	744.2	746.1
8°	716.0	718.9	726.3	734.6	736.7
9°	698.1	702.3	711.7	719.5	720.7
10°	676.2	679.3	690.5	698.7	702.3
11°	648.0	652.5	663.5	671.9	674.3
12°	612.0	618.6	631.4	637.6	639.6
13°	573.2	578.7	588.7	596.3	597.9
14°	529.5	534.8	545.2	551.3	549.9
15°	476.9	484.9	497.8	501.3	501.9
17.5°	352.3	357.4	368.8	374.4	378.2
20°	236.2	241.1	248.1	251.8	248.7
22.5°	143.7	147.7	151.4	151.2	150.2
25°	86.4	87.3	88.3	87.7	85.8
27.5°	50.5	52.7	55.8	53.7	50.7
30°	32.1	33.9	37.2	33.7	31.3
32.5°	17.0	21.5	24.9	20.2	17.8
35°	10.4	11.9	16.3	12.1	9.8
37.5°	6.3	7.4	10.2	7.2	5.7
40°	3.3	4.7	5.9	4.3	3.1
42.5°	1.0	2.2	3.3	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)