

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: P1320845

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQCDR1MB_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320845
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_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

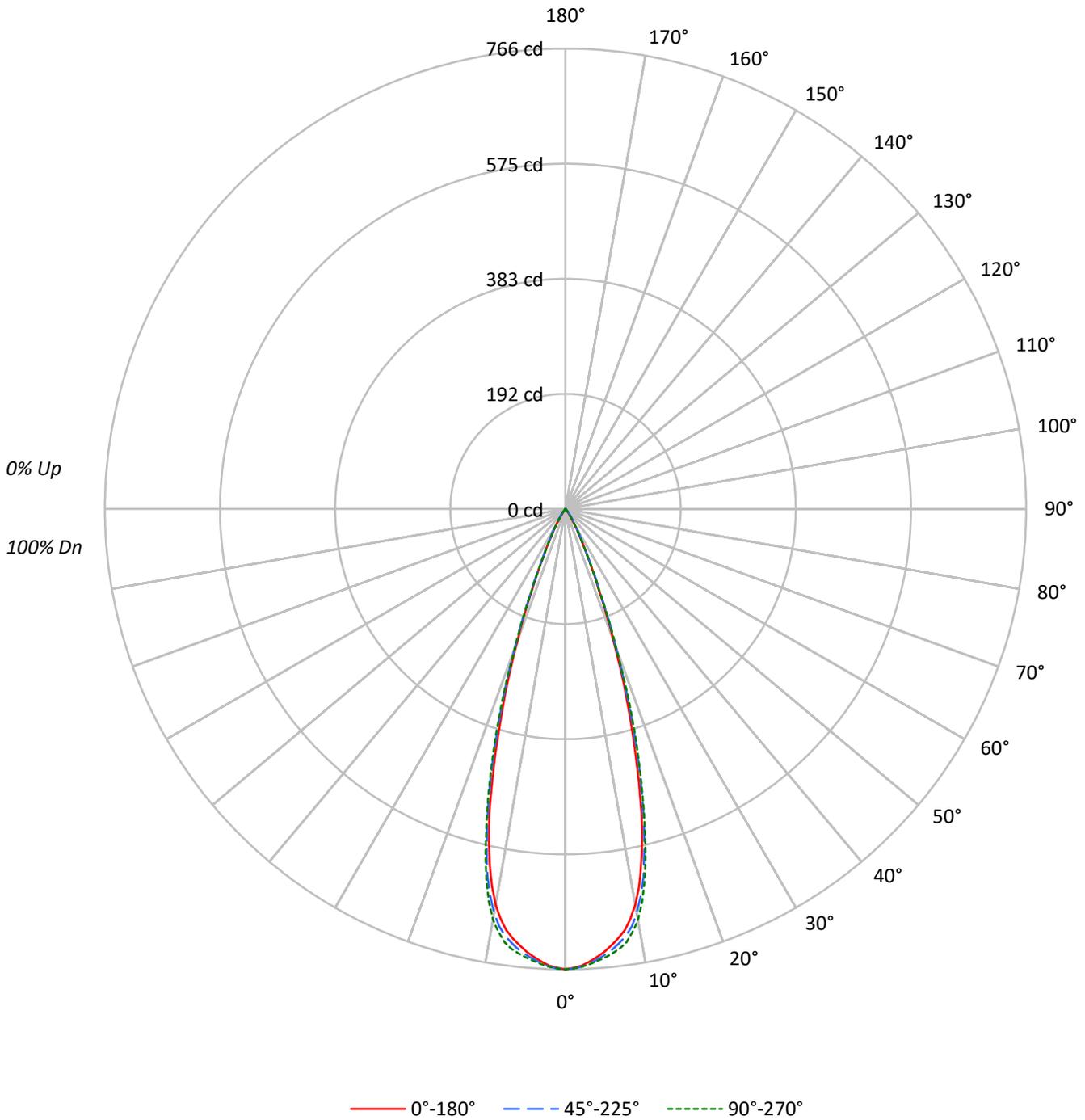
Summary

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	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	97	96	94	93		
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	96	95	94	92	91	89		
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	93	92	91	90	89	89		
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	89	88	88	87	86	86		
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	88	86	86	84	84	82	80	80		
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	83	82	81	80	79	78		
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	80	79	78	77	76	75		
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	77	76	75	74	73	73		
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	75	74	73	72	71	71		
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	73	72	71	70	69	68		
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	71	70	69	68	67	66		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	131905	131905	131905
5°	127897	128813	129505
10°	116872	119355	121401
15°	84050	87723	88436
20°	42795	44939	45049
25°	16228	16589	16114
30°	6304	7318	6145
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°	69.3	27.2
10°-20°	129.2	50.7
20°-30°	46.4	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°	244.9	96.1
0°-40°	254.0	99.6
0°-60°	255.0	100.0
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°	766	766	766	766	766	
5°	740	742	745	748	749	69
15°	471	479	492	495	496	125
25°	85	86	87	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°	765.9	765.9	765.9	765.9	765.9
1°	763.7	764.7	764.9	766.3	764.7
2°	760.4	761.0	761.8	763.0	762.2
3°	754.2	755.4	757.2	758.8	758.8
4°	747.5	749.1	751.3	754.2	754.0
5°	739.8	741.8	745.1	748.5	749.1
6°	730.1	732.5	737.8	742.6	743.5
7°	719.8	723.5	728.5	735.6	737.4
8°	707.7	710.5	717.8	726.1	728.1
9°	689.9	694.2	703.5	711.1	712.4
10°	668.3	671.4	682.5	690.5	694.2
11°	640.5	644.9	655.8	664.1	666.5
12°	604.9	611.4	624.1	630.2	632.2
13°	566.5	572.0	581.9	589.4	591.0
14°	523.3	528.6	538.9	544.9	543.5
15°	471.4	479.3	492.0	495.4	496.0
17.5°	348.2	353.2	364.6	370.0	373.8
20°	233.5	238.3	245.2	248.8	245.8
22.5°	142.0	146.0	149.7	149.5	148.4
25°	85.4	86.2	87.3	86.6	84.8
27.5°	49.9	52.1	55.1	53.1	50.1
30°	31.7	33.5	36.8	33.3	30.9
32.5°	16.8	21.2	24.6	20.0	17.6
35°	10.3	11.7	16.2	11.9	9.7
37.5°	6.3	7.3	10.1	7.1	5.7
40°	3.2	4.6	5.9	4.2	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)