

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: P1320864

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQPHR1MB_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320864
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R35B2750DE010 3LSQPHR1MB_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , 3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

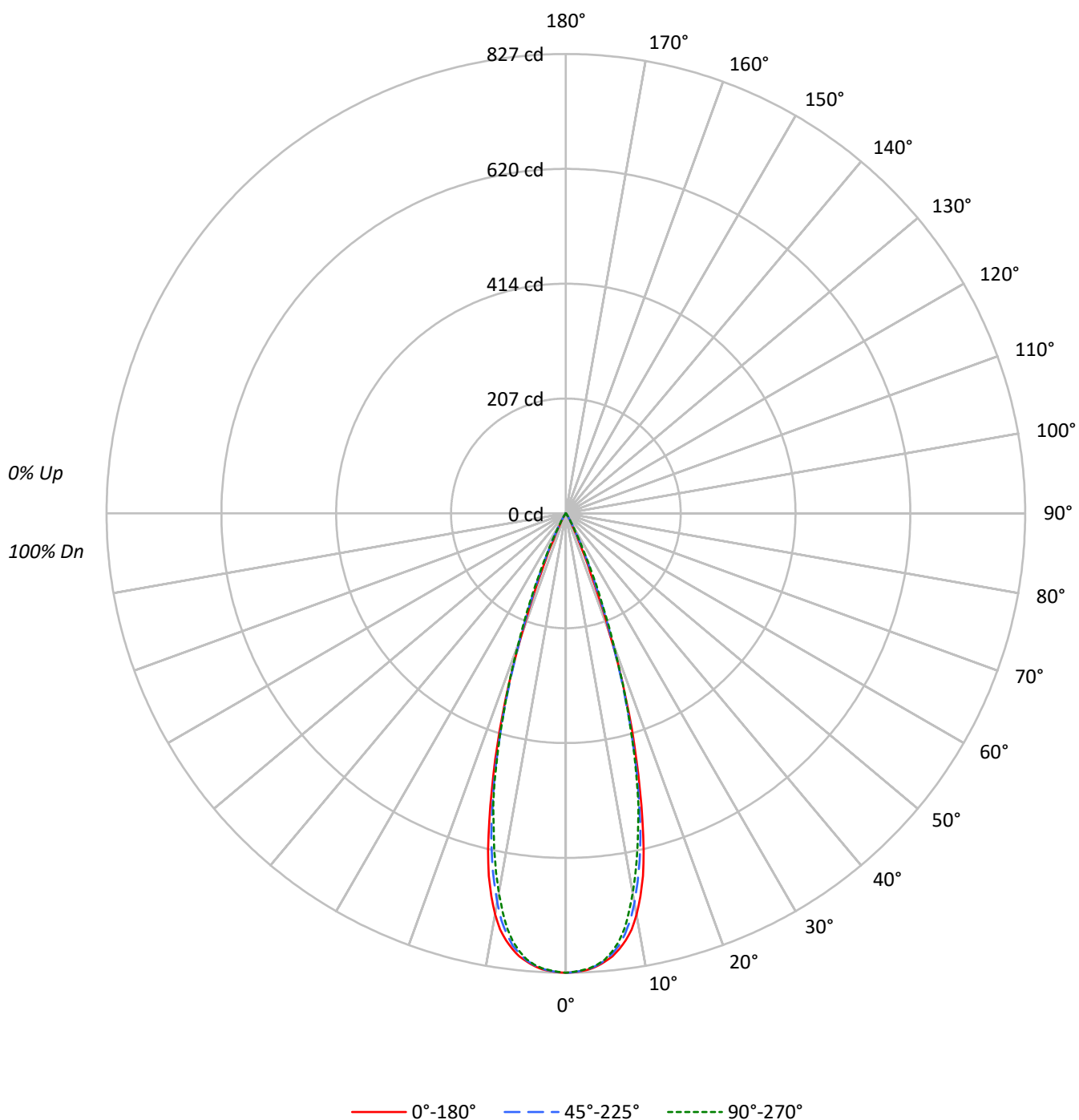
Lumens per Lamp: N/A
Luminaire Lumens: 251.0 lumens
Efficiency: N/A
Efficacy: 86.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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				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	108	107	106	104		103	102	101		100	99	98		97
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97	96	95		93
3	108	103	100	97	106	102	99	96	99	97	94		97	95	93		95	93	92		90
4	104	99	95	92	103	98	94	92	96	93	91		94	92	90		93	90	89		87
5	101	95	91	88	100	95	91	88	93	90	87		92	89	87		90	88	86		85
6	98	92	88	85	97	91	88	85	90	87	84		89	86	84		88	85	83		82
7	96	89	85	82	94	89	85	82	87	84	81		86	83	81		85	83	81		80
8	93	86	82	79	92	86	82	79	85	81	79		84	81	79		83	80	78		77
9	90	84	80	77	89	83	79	77	82	79	76		82	79	76		81	78	76		75
10	88	81	77	75	87	81	77	74	80	77	74		80	76	74		79	76	74		73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	142428	142428	142428
5°	139981	139670	139376
10°	128292	124427	121401
15°	91859	88935	87847
20°	42593	44059	45599
25°	10109	14385	14993
30°	2963	3401	3818
35°	673	1093	1009
40°	135	292	202
45°	49	49	49
50°	54	0	54
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: 0°
Vertical Angle: 52.5°
Luminance: 57 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.2	29.6
10°-20°	132.7	52.9
20°-30°	39.9	15.9
30°-40°	3.8	1.5
40°-50°	0.2	0.1
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°	246.9	98.4
0°-40°	250.7	99.9
0°-60°	251.0	100.0
0°-90°	251.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	251.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	827	827	827	827	827	
5°	810	809	808	807	806	75
15°	515	511	499	497	493	136
25°	53	59	76	79	79	34
35°	3	4	5	6	5	3
45°	0	0	0	0	0	0
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	827.0	827.0	827.0	827.0	827.0
1°	826.5	826.5	826.1	826.1	825.2
2°	824.6	824.8	823.9	823.7	823.1
3°	821.6	820.9	820.9	820.5	820.0
4°	816.8	815.5	815.1	815.3	814.4
5°	809.7	809.4	807.9	806.9	806.2
6°	801.9	800.4	797.1	794.3	793.7
7°	790.2	787.0	784.2	778.3	777.4
8°	775.9	770.7	764.7	756.5	756.0
9°	758.4	750.0	741.6	730.5	726.6
10°	733.6	725.8	711.5	701.8	694.2
11°	702.6	692.9	676.3	664.6	658.3
12°	667.6	658.5	639.1	628.5	619.6
13°	622.7	615.1	596.9	585.2	578.3
14°	570.5	564.9	547.6	542.4	540.1
15°	515.2	511.3	498.8	496.6	492.7
17.5°	379.2	372.7	365.6	366.9	368.2
20°	232.4	241.5	240.4	245.2	248.8
22.5°	115.9	127.6	141.2	149.4	153.5
25°	53.2	58.6	75.7	78.9	78.9
27.5°	26.8	28.1	35.7	36.3	38.1
30°	14.9	16.0	17.1	19.0	19.2
32.5°	7.6	8.9	9.3	10.4	9.9
35°	3.2	4.3	5.2	5.6	4.8
37.5°	1.5	1.9	2.8	2.6	1.9
40°	0.6	0.9	1.3	1.1	0.9
42.5°	0.4	0.4	0.6	0.4	0.4
45°	0.2	0.2	0.2	0.2	0.2
47.5°	0.2	0.2	0.0	0.2	0.2
50°	0.2	0.0	0.0	0.0	0.2
52.5°	0.2	0.0	0.0	0.0	0.2
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)