

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: P1320774

Luminaire Tested: LDSQA3D02R30B2750DE010 3LSQCDR1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320774
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R30B2750DE010 3LSQCDR1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

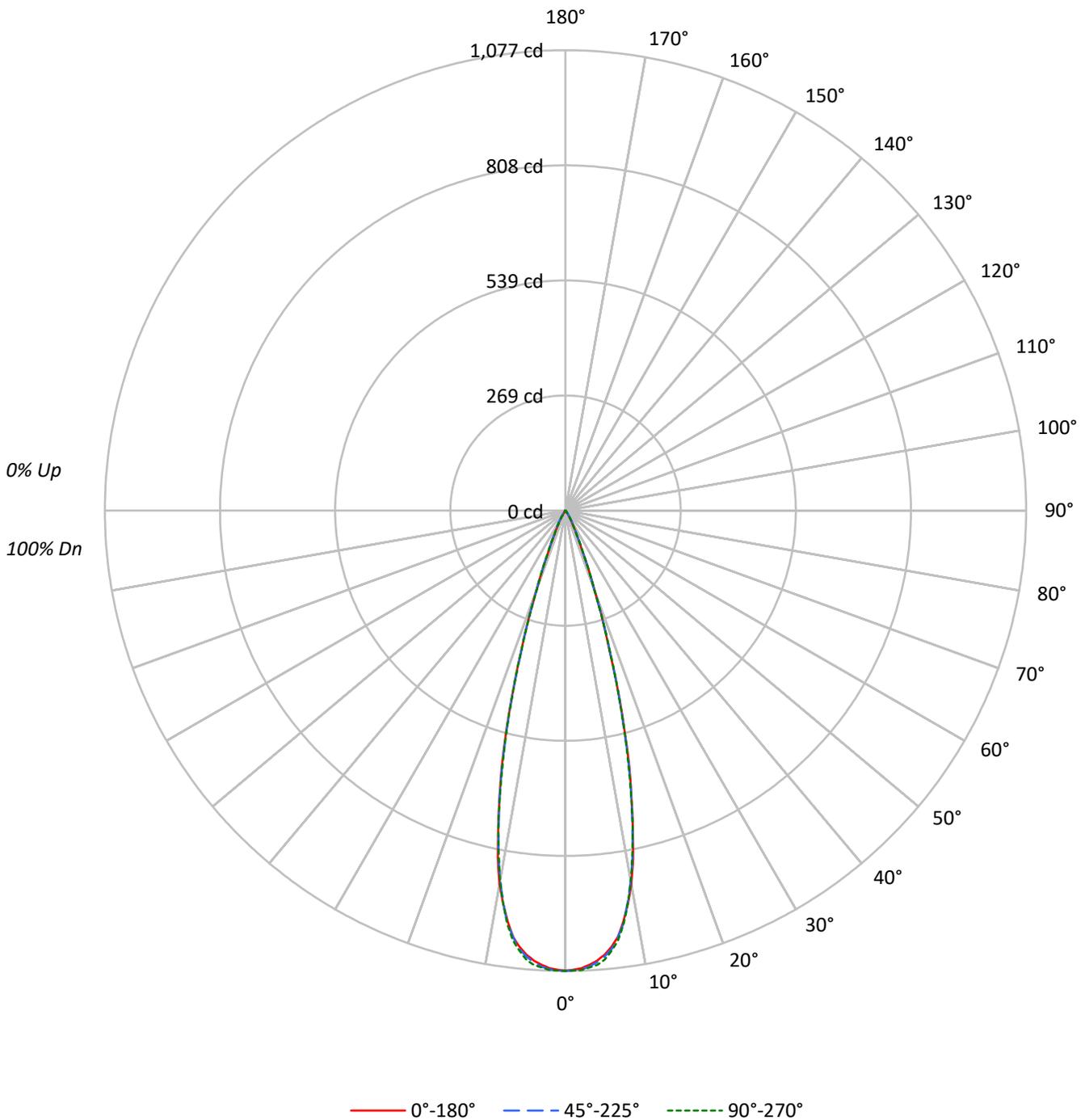
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 279.9 lumens
Efficiency: N/A
Efficacy: 96.5 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
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	108	107	106	104	103	102	101	100	99	98	97
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	94
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	94	92	91
4	105	99	96	93	103	98	95	92	96	93	91	95	92	90	93	91	89	88
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	86	85
6	99	93	89	86	98	92	88	85	91	87	85	90	87	84	88	86	84	83
7	96	90	86	83	95	89	85	83	88	85	82	87	84	82	86	84	82	81
8	94	87	83	80	93	87	83	80	86	82	80	85	82	80	84	81	79	78
9	91	85	81	78	90	84	80	78	84	80	78	83	80	77	82	79	77	76
10	89	82	78	76	88	82	78	76	81	78	76	81	78	75	80	77	75	74

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	185415	185415	185415
5°	180332	181127	182233
10°	155066	153754	153894
15°	95282	94516	94587
20°	36270	36344	35665
25°	11535	12143	11573
30°	4634	5747	4773
35°	1493	2544	1493
40°	674	1124	674
45°	268	463	268
50°	107	241	107
55°	120	120	120
60°	138	138	138
65°	82	82	82
70°	101	101	101
75°	133	133	133
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 463 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.0	33.9
10°-20°	140.9	50.3
20°-30°	35.0	12.5
30°-40°	7.0	2.5
40°-50°	1.3	0.5
50°-60°	0.4	0.1
60°-70°	0.3	0.1
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°	270.8	96.8
0°-40°	277.8	99.3
0°-60°	279.5	99.8
0°-90°	279.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	279.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1077	1077	1077	1077	1077	
5°	1043	1047	1048	1049	1054	95
15°	534	536	530	532	530	141
25°	61	62	64	63	61	34
35°	7	9	12	9	7	6
45°	1	1	2	2	1	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°	1076.6	1076.6	1076.6	1076.6	1076.6
1°	1074.2	1075.5	1076.4	1076.4	1076.4
2°	1071.2	1072.1	1073.4	1073.6	1075.3
3°	1064.1	1066.0	1068.2	1069.5	1070.3
4°	1055.4	1058.0	1059.3	1062.6	1065.4
5°	1043.1	1046.6	1047.7	1049.2	1054.1
6°	1026.5	1029.1	1031.2	1031.9	1034.9
7°	1004.4	1005.7	1005.3	1006.4	1011.8
8°	971.0	971.4	975.1	972.7	976.4
9°	931.2	929.5	928.6	930.4	930.6
10°	886.7	880.9	879.2	877.7	880.0
11°	829.0	821.5	822.1	821.7	818.2
12°	757.3	756.5	750.9	751.9	757.1
13°	684.1	685.6	684.5	685.8	680.0
14°	615.4	608.1	610.0	602.7	605.5
15°	534.4	535.5	530.1	531.8	530.5
17.5°	342.2	344.5	342.8	341.3	343.7
20°	197.9	197.6	198.3	196.4	194.6
22.5°	104.1	105.6	107.6	107.8	109.1
25°	60.7	62.0	63.9	63.1	60.9
27.5°	37.2	39.5	42.6	40.4	37.8
30°	23.3	25.3	28.9	25.5	24.0
32.5°	13.2	16.0	19.0	16.0	13.2
35°	7.1	9.3	12.1	9.1	7.1
37.5°	4.8	5.4	8.0	5.4	4.8
40°	3.0	3.7	5.0	3.7	3.0
42.5°	1.7	2.4	2.8	2.4	1.7
45°	1.1	1.3	1.9	1.5	1.1
47.5°	0.4	0.6	1.3	0.6	0.6
50°	0.4	0.4	0.9	0.4	0.4
52.5°	0.4	0.4	0.4	0.4	0.4
55°	0.4	0.4	0.4	0.4	0.4
57.5°	0.4	0.4	0.4	0.4	0.4
60°	0.4	0.4	0.4	0.4	0.4
62.5°	0.4	0.4	0.4	0.4	0.4
65°	0.2	0.2	0.2	0.2	0.2
67.5°	0.2	0.2	0.2	0.2	0.2
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°	0.0	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)