

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: P1320764

Luminaire Tested: LDSQA3D02R30B2750DE010 3LSQCDR1MB_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320764
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R30B2750DE010 3LSQCDR1MB_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

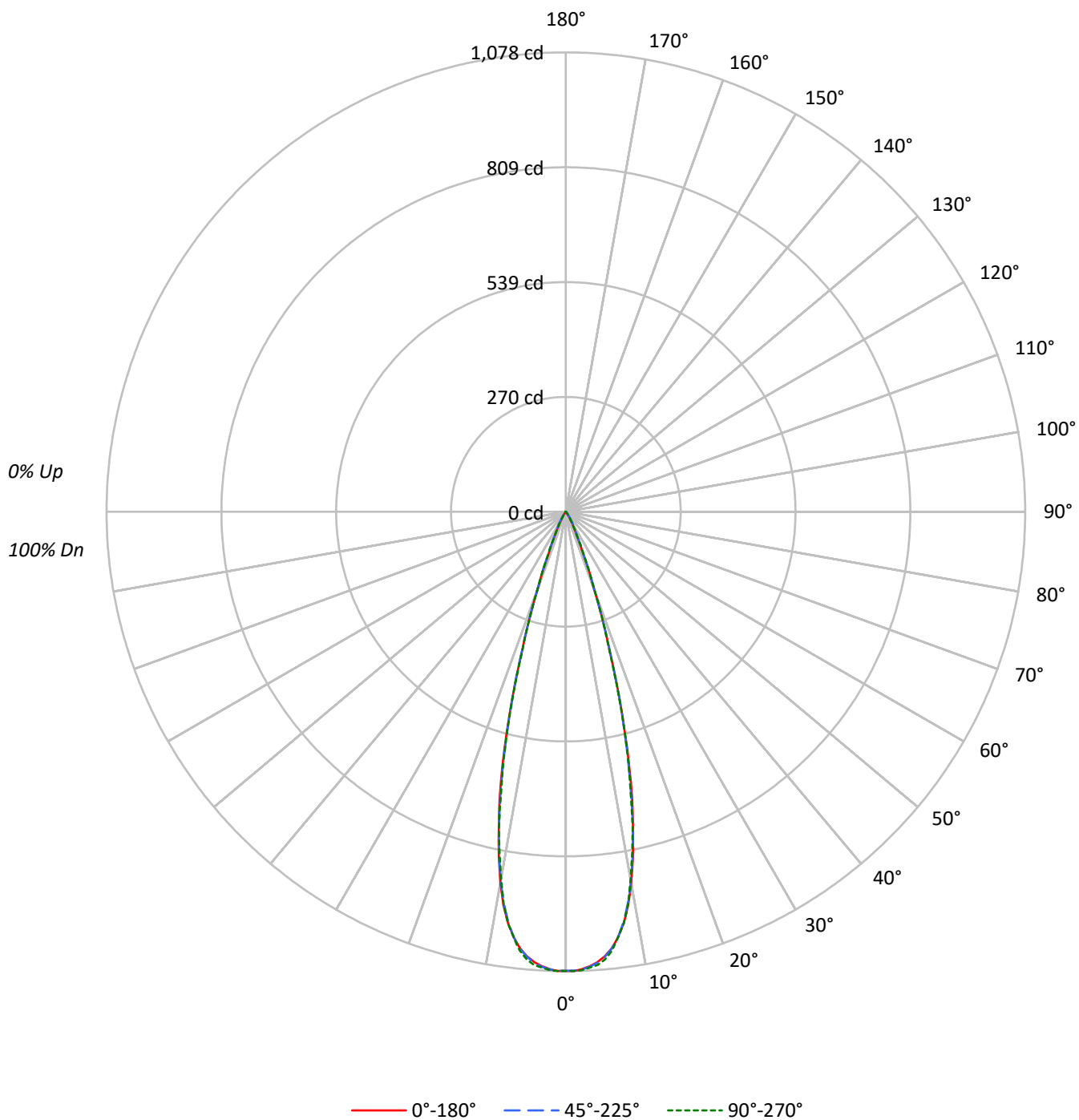
Lumens per Lamp: N/A
Luminaire Lumens: 278.0 lumens
Efficiency: N/A
Efficacy: 95.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1320764

CATALOG NUMBER: LDSQA3D02R30B2750DE010 3LSQCDR1MB_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1320764

CATALOG NUMBER: LDSQA3D02R30B2750DE010 3LSQCDR1MB_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	102	101	100	99	99	97	96	95
2	112	108	105	103	109	106	104	102	103	101	99	100	99	97	98	96	95	94	93	92
3	108	104	100	97	106	102	99	97	100	97	95	98	95	94	95	94	92	91	90	89
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88	87	86
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	86	85	84
6	99	93	89	86	98	92	89	86	91	88	85	90	87	85	89	86	84	83	82	81
7	96	90	86	83	95	90	86	83	89	85	83	87	85	82	87	84	82	81	80	79
8	94	88	84	81	93	87	83	81	86	83	80	85	82	80	84	82	80	79	78	77
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	77	76	75
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	80	78	76	75	74	73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	185553	185553	185553
5°	181023	181248	182251
10°	154611	153894	152985
15°	95407	94302	94641
20°	36069	36252	36215
25°	11098	12162	11592
30°	4474	5668	4653
35°	1325	2418	1367
40°	540	967	540
45°	97	317	97
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: 317 cd/sqm

TEST NUMBER: P1320764

CATALOG NUMBER: LDSQA3D02R30B2750DE010 3LSQCDR1MB_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.0	34.2
10°-20°	140.7	50.6
20°-30°	34.9	12.6
30°-40°	6.6	2.4
40°-50°	0.8	0.3
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°	270.6	97.3
0°-40°	277.2	99.7
0°-60°	278.0	100.0
0°-90°	278.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	278.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1077	1077	1077	1077	1077	
5°	1047	1047	1048	1050	1054	95
15°	535	530	529	533	531	141
25°	58	62	64	64	61	34
35°	6	8	12	8	6	5
45°	0	1	1	1	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	

TEST NUMBER: P1320764

CATALOG NUMBER: LDSQA3D02R30B2750DE010 3LSQCDR1MB_5000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1077.4	1077.4	1077.4	1077.4	1077.4
1°	1077.8	1076.9	1076.9	1075.7	1078.0
2°	1073.9	1073.1	1074.6	1073.5	1076.5
3°	1068.1	1067.0	1069.2	1069.8	1071.3
4°	1059.4	1058.6	1060.9	1062.2	1066.4
5°	1047.1	1046.7	1048.4	1050.1	1054.2
6°	1030.2	1029.6	1030.7	1032.8	1035.4
7°	1005.8	1004.5	1005.4	1005.8	1006.5
8°	974.9	973.0	971.9	974.2	975.5
9°	935.1	933.0	930.6	929.7	932.7
10°	884.1	880.8	880.0	877.8	874.8
11°	824.8	822.3	821.6	817.7	816.0
12°	757.0	755.7	757.2	754.8	753.9
13°	691.9	683.7	682.6	678.0	675.7
14°	614.9	607.3	607.1	604.7	608.0
15°	535.1	529.9	528.9	533.0	530.8
17.5°	341.2	344.6	343.8	341.6	337.9
20°	196.8	194.4	197.8	198.7	197.6
22.5°	104.9	105.7	106.4	109.0	110.7
25°	58.4	62.3	64.0	63.8	61.0
27.5°	36.3	38.7	41.9	39.8	37.4
30°	22.5	24.4	28.5	24.6	23.4
32.5°	12.1	15.4	18.4	15.4	12.5
35°	6.3	8.2	11.5	8.4	6.5
37.5°	4.1	4.8	7.4	4.8	4.1
40°	2.4	3.0	4.3	3.0	2.4
42.5°	1.1	1.7	2.4	1.7	1.1
45°	0.4	0.6	1.3	0.9	0.4
47.5°	0.0	0.2	0.6	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



TEST NUMBER: P1320764

CATALOG NUMBER: LDSQA3D02R30B2750DE010 3LSQCDR1MB_5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)