

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: P1320770

Luminaire Tested: LDSQA3D02R30B2750DE010 3LSQCDR1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320770
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_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

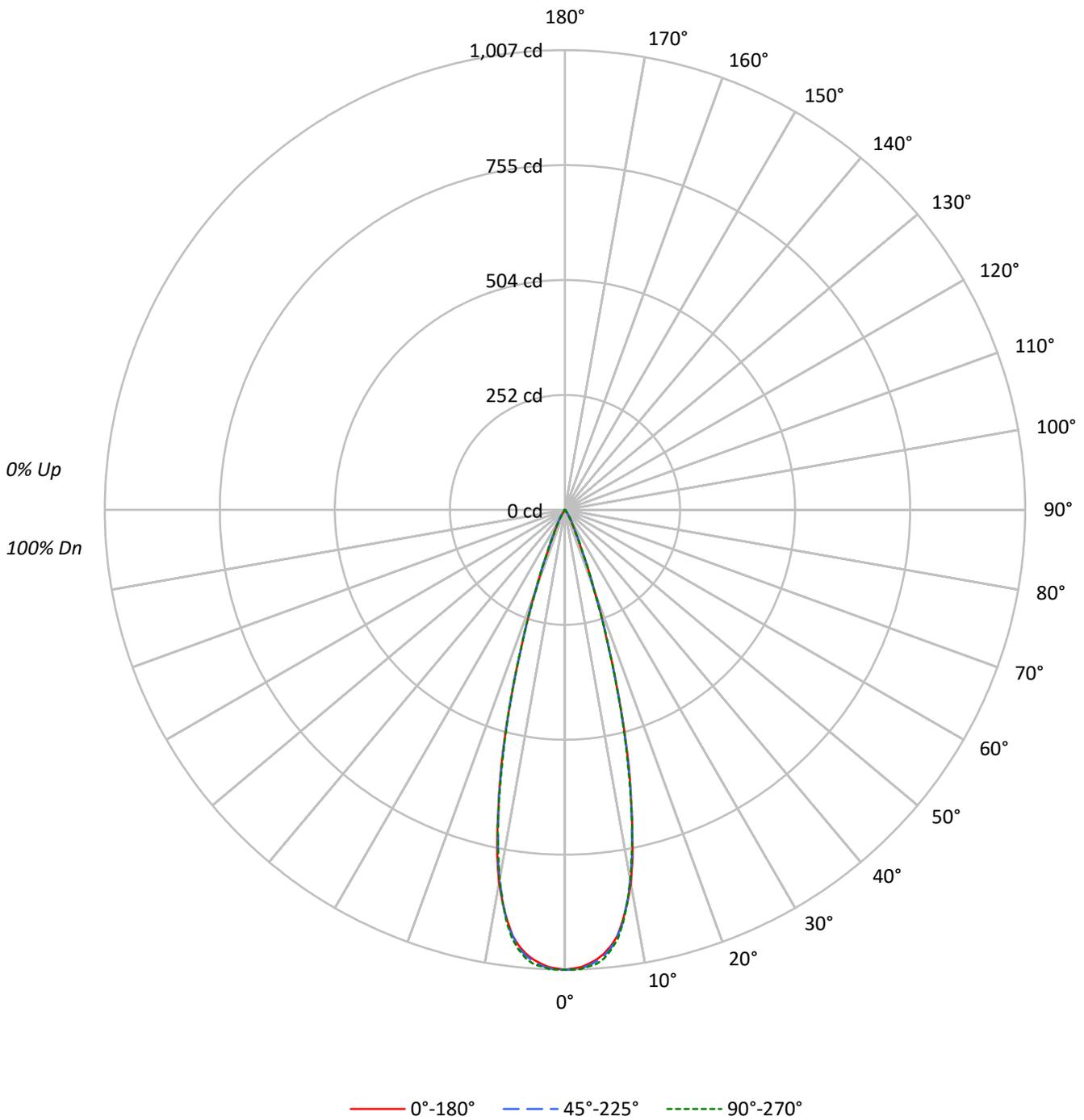
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 262.0 lumens
Efficiency: N/A
Efficacy: 90.3 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	93	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	83	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°	173497	173497	173497
5°	168749	169475	170529
10°	145097	143856	144013
15°	89167	88436	88507
20°	33924	33998	33374
25°	10794	11364	10832
30°	4335	5389	4455
35°	1409	2376	1409
40°	629	1034	629
45°	244	438	244
50°	107	214	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: 438 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.9	33.9
10°-20°	131.8	50.3
20°-30°	32.8	12.5
30°-40°	6.5	2.5
40°-50°	1.2	0.4
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°	253.4	96.7
0°-40°	260.0	99.2
0°-60°	261.5	99.8
0°-90°	262.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	262.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1007	1007	1007	1007	1007	
5°	976	979	980	982	986	89
15°	500	501	496	498	496	132
25°	57	58	60	59	57	32
35°	7	9	11	8	7	5
45°	1	1	2	1	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°	1007.4	1007.4	1007.4	1007.4	1007.4
1°	1005.2	1006.4	1007.2	1007.2	1007.2
2°	1002.3	1003.1	1004.4	1004.6	1006.2
3°	995.7	997.5	999.5	1000.7	1001.5
4°	987.6	990.0	991.2	994.2	996.9
5°	976.1	979.3	980.3	981.7	986.4
6°	960.5	962.9	964.9	965.5	968.4
7°	939.9	941.1	940.7	941.7	946.7
8°	908.5	909.0	912.4	910.2	913.6
9°	871.4	869.7	868.9	870.5	870.8
10°	829.7	824.3	822.6	821.2	823.5
11°	775.8	768.7	769.3	768.9	765.6
12°	708.6	707.8	702.6	703.6	708.4
13°	640.1	641.5	640.5	641.7	636.3
14°	575.9	569.0	570.8	563.9	566.6
15°	500.1	501.1	496.0	497.6	496.4
17.5°	320.2	322.4	320.8	319.4	321.6
20°	185.1	184.9	185.5	183.7	182.1
22.5°	97.4	98.8	100.7	100.9	102.1
25°	56.8	58.0	59.8	59.0	57.0
27.5°	34.8	37.0	39.8	37.8	35.4
30°	21.8	23.6	27.1	23.9	22.4
32.5°	12.3	15.0	17.8	15.0	12.3
35°	6.7	8.7	11.3	8.5	6.7
37.5°	4.4	5.1	7.5	5.1	4.4
40°	2.8	3.4	4.6	3.4	2.8
42.5°	1.6	2.2	2.6	2.2	1.6
45°	1.0	1.2	1.8	1.4	1.0
47.5°	0.4	0.6	1.2	0.6	0.6
50°	0.4	0.4	0.8	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)