

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: P1321119

Luminaire Tested: LDSQA3D02R60B2750DE010 3LSQCDR1MMS_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1321119
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R60B2750DE010 3LSQCDR1MMS_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 80CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

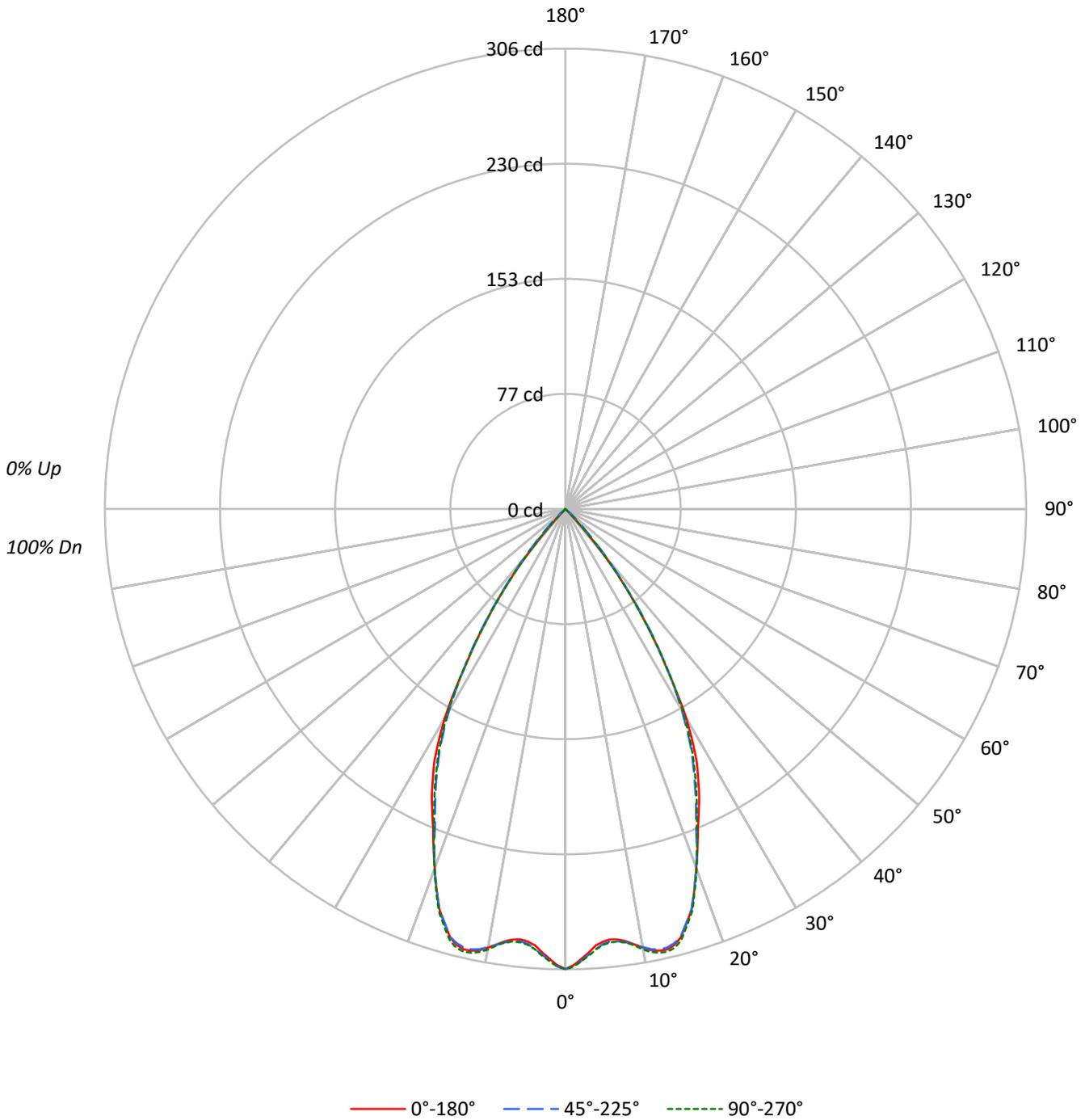
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 271.0 lumens
Efficiency: N/A
Efficacy: 93.5 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	52666	52666	52666
5°	49876	50135	50222
10°	51782	51694	52009
15°	52634	52562	52937
20°	46589	46589	46662
25°	39925	38727	39050
30°	31938	30765	31242
35°	19805	20226	19763
40°	8701	9577	8948
45°	97	3118	268
50°	0	348	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: 3118 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.9	10.3
10°-20°	81.0	29.9
20°-30°	94.0	34.7
30°-40°	59.2	21.8
40°-50°	8.9	3.3
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°	202.9	74.9
0°-40°	262.1	96.7
0°-60°	271.0	100.0
0°-90°	271.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	271.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	306	306	306	306	306	
5°	288	290	290	291	290	28
15°	295	294	295	297	297	81
25°	210	208	204	205	206	95
35°	94	94	96	94	94	59
45°	0	4	13	5	1	6
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°	305.8	305.8	305.8	305.8	305.8
1°	303.4	304.3	304.3	304.5	304.3
2°	299.3	300.6	300.6	301.3	300.8
3°	295.2	296.3	296.5	297.4	297.2
4°	290.7	292.4	293.1	293.5	293.3
5°	288.5	289.6	290.0	290.7	290.5
6°	287.6	288.5	288.9	289.6	289.6
7°	288.3	288.9	289.6	290.0	289.6
8°	290.2	290.9	290.9	291.8	291.1
9°	293.1	293.3	293.3	294.3	293.7
10°	296.1	295.6	295.6	297.2	297.4
11°	298.7	298.2	298.0	299.5	300.0
12°	300.2	299.3	299.3	301.3	301.5
13°	300.4	299.3	299.3	301.3	301.9
14°	298.7	297.4	297.6	299.8	300.4
15°	295.2	294.1	294.8	296.7	296.9
17.5°	278.8	278.1	278.6	279.9	280.1
20°	254.2	253.7	254.2	254.2	254.6
22.5°	229.7	228.7	226.5	227.8	228.0
25°	210.1	207.7	203.8	204.7	205.5
27.5°	188.5	185.4	181.3	182.4	182.6
30°	160.6	159.1	154.7	155.8	157.1
32.5°	124.1	128.2	125.6	125.3	125.6
35°	94.2	94.4	96.2	94.2	94.0
37.5°	65.9	66.1	67.4	65.3	65.5
40°	38.7	41.5	42.6	41.7	39.8
42.5°	12.1	21.4	24.2	21.0	13.4
45°	0.4	4.1	12.8	5.4	1.1
47.5°	0.0	0.2	6.1	0.4	0.0
50°	0.0	0.0	1.3	0.0	0.0
52.5°	0.0	0.0	0.2	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)