

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: P1321124

Luminaire Tested: LDSQA3D02R60B2750DE010 3LSQCDR1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1321124
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R60B2750DE010 3LSQCDR1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 80CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

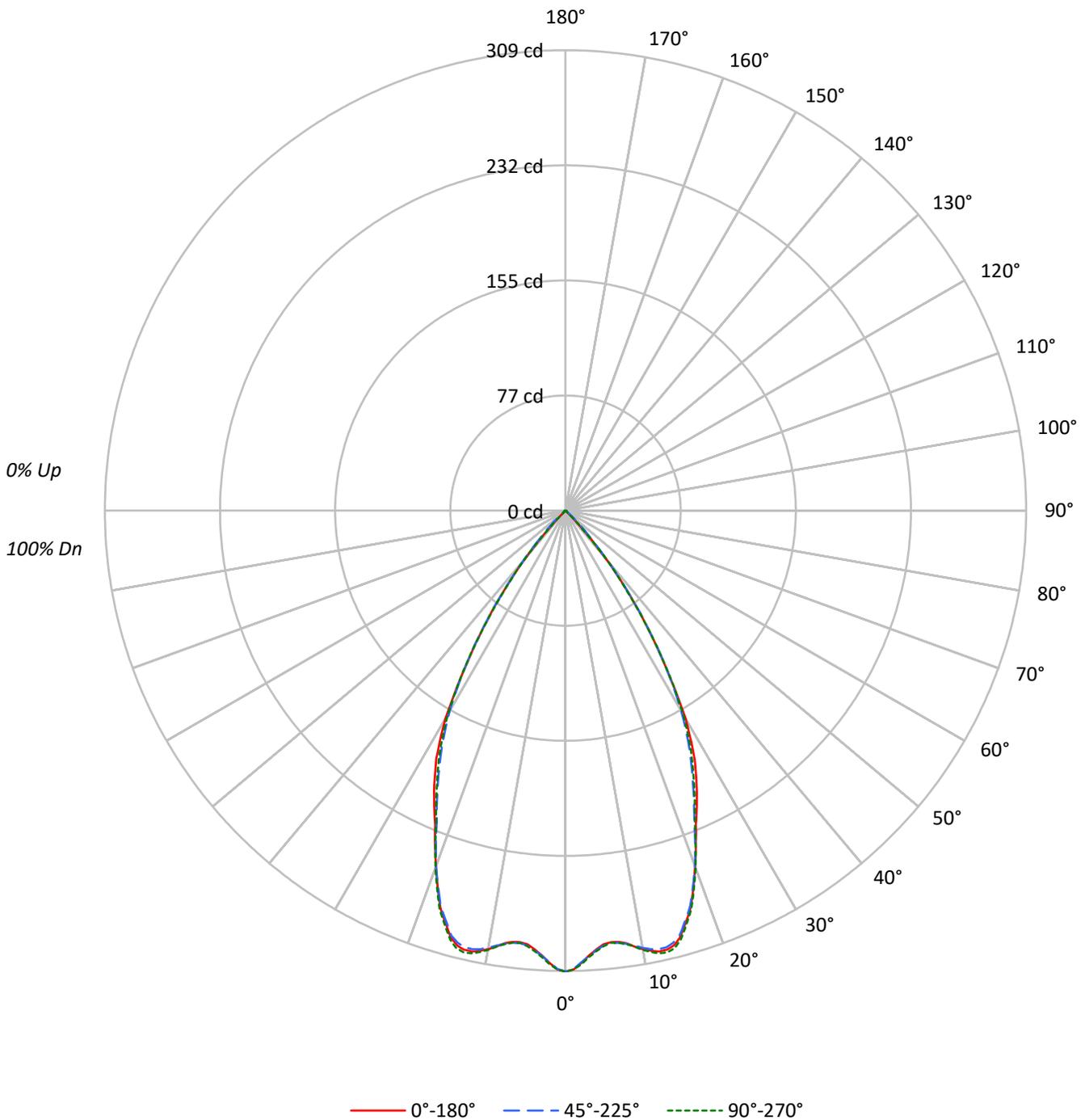
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 276.0 lumens
Efficiency: N/A
Efficacy: 95.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	83	83	83	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	78	78	78	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	73	73	73	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	68	68	68	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	64	64	64	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	60	60	60	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	56	56	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	53	53	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	53286	53286	53286
5°	50516	50654	50740
10°	52271	52114	52376
15°	52901	52669	53204
20°	46589	46534	46772
25°	39640	38480	38822
30°	31997	30884	31381
35°	20247	20436	20205
40°	9465	9847	9622
45°	585	3483	682
50°	295	804	295
55°	330	330	330
60°	310	310	310
65°	245	367	245
70°	302	302	302
75°	266	266	266
80°	198	198	198
85°	395	395	395

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 3483 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.2	10.2
10°-20°	81.2	29.4
20°-30°	93.6	33.9
30°-40°	60.1	21.8
40°-50°	10.5	3.8
50°-60°	1.0	0.4
60°-70°	0.8	0.3
70°-80°	0.4	0.2
80°-90°	0.1	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°	203.1	73.6
0°-40°	263.2	95.4
0°-60°	274.7	99.5
0°-90°	276.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	276.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	309	309	309	309	309	
5°	292	293	293	294	294	28
15°	297	296	295	297	298	81
25°	209	206	202	203	204	95
35°	96	96	97	95	96	60
45°	2	7	14	8	3	8
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
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°	309.4	309.4	309.4	309.4	309.4
1°	308.1	307.9	307.7	307.9	308.1
2°	303.8	303.6	303.4	304.3	304.7
3°	299.1	299.3	299.5	299.9	300.2
4°	295.2	295.6	295.8	296.3	296.5
5°	292.2	292.8	293.0	293.7	293.5
6°	291.3	291.7	291.9	292.2	291.7
7°	291.7	291.9	292.2	292.6	292.2
8°	293.2	293.5	293.7	293.9	293.9
9°	296.3	295.8	295.6	296.5	296.3
10°	298.9	298.2	298.0	299.3	299.5
11°	301.0	300.2	299.9	301.4	301.9
12°	302.5	301.2	301.0	303.0	303.8
13°	302.5	300.8	300.8	303.0	304.3
14°	300.8	298.9	298.9	301.2	302.7
15°	296.7	295.6	295.4	297.3	298.4
17.5°	279.4	278.1	278.3	280.5	280.7
20°	254.2	253.5	253.9	254.4	255.2
22.5°	228.5	228.0	225.7	226.3	226.7
25°	208.6	206.2	202.5	202.8	204.3
27.5°	187.6	185.3	180.1	181.2	182.7
30°	160.9	158.9	155.3	155.9	157.8
32.5°	126.3	130.2	126.8	127.8	127.2
35°	96.3	95.7	97.2	95.2	96.1
37.5°	67.8	68.0	68.7	66.9	66.9
40°	42.1	43.2	43.8	43.0	42.8
42.5°	17.7	24.2	25.5	24.2	17.9
45°	2.4	7.1	14.3	8.4	2.8
47.5°	1.1	1.5	7.6	1.5	1.1
50°	1.1	1.1	3.0	1.1	1.1
52.5°	1.1	1.1	1.1	1.1	1.1
55°	1.1	1.1	1.1	1.1	1.1
57.5°	1.1	1.1	1.1	1.1	1.1
60°	0.9	0.9	0.9	0.9	0.9
62.5°	0.9	0.9	0.9	0.9	0.9
65°	0.6	0.9	0.9	0.9	0.6
67.5°	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4
80°	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2
85°	0.2	0.2	0.2	0.2	0.2
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)