

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: P1321121

Luminaire Tested: LDSQA3D02R60B2750DE010 3LSQCDR1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1321121
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_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

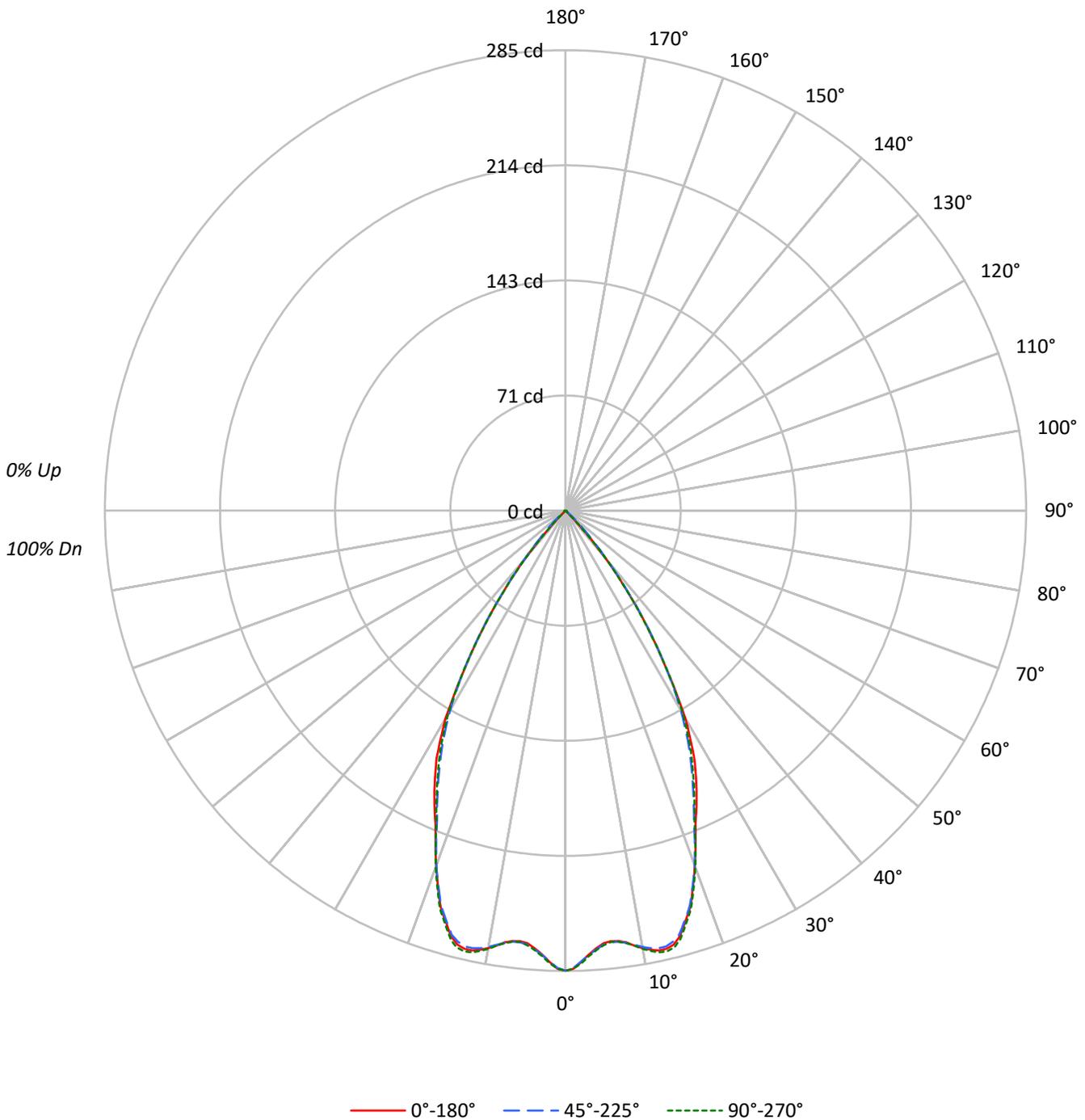
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 254.0 lumens
Efficiency: N/A
Efficacy: 87.6 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				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°	49049	49049	49049
5°	46488	46626	46695
10°	48092	47952	48197
15°	48675	48479	48961
20°	42868	42831	43051
25°	36485	35421	35725
30°	29432	28418	28895
35°	18628	18796	18586
40°	8723	9060	8835
45°	536	3191	633
50°	268	750	268
55°	300	300	300
60°	276	276	276
65°	245	326	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: 3191 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.9	10.2
10°-20°	74.8	29.4
20°-30°	86.2	33.9
30°-40°	55.3	21.8
40°-50°	9.6	3.8
50°-60°	0.9	0.4
60°-70°	0.7	0.3
70°-80°	0.4	0.2
80°-90°	0.1	0.1
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°	186.9	73.6
0°-40°	242.2	95.3
0°-60°	252.8	99.5
0°-90°	254.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	254.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	285	285	285	285	285	
5°	269	270	270	270	270	26
15°	273	272	272	274	275	75
25°	192	190	186	187	188	88
35°	89	88	89	88	88	55
45°	2	7	13	8	3	7
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°	284.8	284.8	284.8	284.8	284.8
1°	283.6	283.4	283.2	283.4	283.6
2°	279.6	279.4	279.2	280.0	280.4
3°	275.2	275.4	275.6	276.0	276.2
4°	271.7	272.1	272.3	272.6	272.8
5°	268.9	269.5	269.7	270.3	270.1
6°	268.1	268.5	268.7	268.9	268.5
7°	268.5	268.7	268.9	269.3	268.9
8°	269.9	270.1	270.3	270.5	270.5
9°	272.6	272.3	272.1	272.8	272.6
10°	275.0	274.4	274.2	275.4	275.6
11°	277.0	276.2	276.0	277.4	277.8
12°	278.4	277.2	277.0	278.8	279.6
13°	278.4	276.8	276.8	278.8	280.0
14°	276.8	275.0	275.0	277.2	278.6
15°	273.0	272.1	271.9	273.6	274.6
17.5°	257.1	256.0	256.2	258.1	258.3
20°	233.9	233.3	233.7	234.1	234.9
22.5°	210.2	209.9	207.7	208.3	208.7
25°	192.0	189.8	186.4	186.6	188.0
27.5°	172.7	170.5	165.7	166.7	168.1
30°	148.0	146.3	142.9	143.5	145.3
32.5°	116.3	119.8	116.7	117.6	117.0
35°	88.6	88.0	89.4	87.6	88.4
37.5°	62.4	62.6	63.2	61.6	61.6
40°	38.8	39.7	40.3	39.5	39.3
42.5°	16.3	22.3	23.4	22.3	16.5
45°	2.2	6.6	13.1	7.8	2.6
47.5°	1.0	1.4	7.0	1.4	1.0
50°	1.0	1.0	2.8	1.0	1.0
52.5°	1.0	1.0	1.0	1.0	1.0
55°	1.0	1.0	1.0	1.0	1.0
57.5°	1.0	1.0	1.0	1.0	1.0
60°	0.8	0.8	0.8	0.8	0.8
62.5°	0.8	0.8	0.8	0.8	0.8
65°	0.6	0.8	0.8	0.8	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)