

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: P1321120

Luminaire Tested: LDSQA3D02R60B2750DE010 3LSQCDR1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1321120
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_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

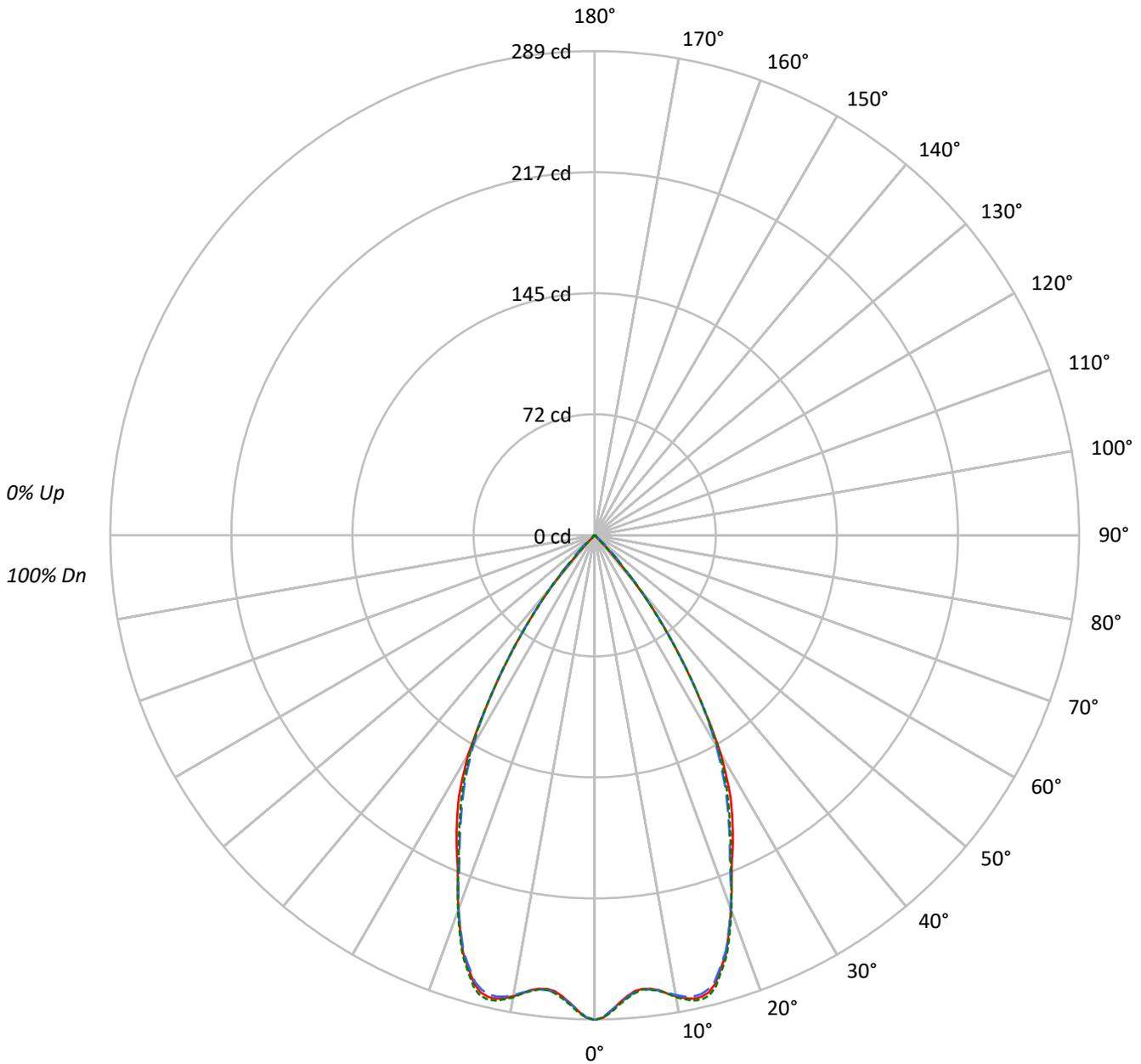
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 258.0 lumens
Efficiency: N/A
Efficacy: 89.0 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 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



— 0°-180° - - 45°-225° - · - · 90°-270°



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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°	49824	49824	49824
5°	47214	47352	47421
10°	48861	48721	48966
15°	49442	49228	49745
20°	43546	43510	43730
25°	37055	35972	36295
30°	29909	28855	29353
35°	18922	19090	18880
40°	8858	9218	8993
45°	536	3239	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: 3239 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.4	10.2
10°-20°	75.9	29.4
20°-30°	87.5	33.9
30°-40°	56.2	21.8
40°-50°	9.8	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°	189.8	73.6
0°-40°	246.0	95.4
0°-60°	256.7	99.5
0°-90°	258.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	258.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	289	289	289	289	289	
5°	273	274	274	274	274	26
15°	277	276	276	278	279	76
25°	195	193	189	190	191	89
35°	90	89	91	89	90	56
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°	289.3	289.3	289.3	289.3	289.3
1°	288.0	287.8	287.6	287.8	288.0
2°	284.0	283.8	283.6	284.4	284.8
3°	279.6	279.8	280.0	280.4	280.6
4°	275.9	276.3	276.5	276.9	277.1
5°	273.1	273.7	273.9	274.5	274.3
6°	272.3	272.7	272.9	273.1	272.7
7°	272.7	272.9	273.1	273.5	273.1
8°	274.1	274.3	274.5	274.7	274.7
9°	276.9	276.5	276.3	277.1	276.9
10°	279.4	278.8	278.6	279.8	280.0
11°	281.4	280.6	280.4	281.8	282.2
12°	282.8	281.6	281.4	283.2	284.0
13°	282.8	281.2	281.2	283.2	284.4
14°	281.2	279.4	279.4	281.6	283.0
15°	277.3	276.3	276.1	278.0	279.0
17.5°	261.2	260.0	260.2	262.2	262.4
20°	237.6	237.0	237.4	237.8	238.6
22.5°	213.6	213.2	210.9	211.5	211.9
25°	195.0	192.8	189.3	189.5	191.0
27.5°	175.4	173.2	168.3	169.4	170.8
30°	150.4	148.6	145.1	145.7	147.6
32.5°	118.1	121.7	118.5	119.5	118.9
35°	90.0	89.4	90.8	89.0	89.8
37.5°	63.4	63.6	64.2	62.6	62.6
40°	39.4	40.4	41.0	40.2	40.0
42.5°	16.6	22.6	23.8	22.6	16.8
45°	2.2	6.7	13.3	7.9	2.6
47.5°	1.0	1.4	7.1	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)