

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: P1321123

Luminaire Tested: LDSQA3D02R60B2750DE010 3LSQCDR1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1321123
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_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 80CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

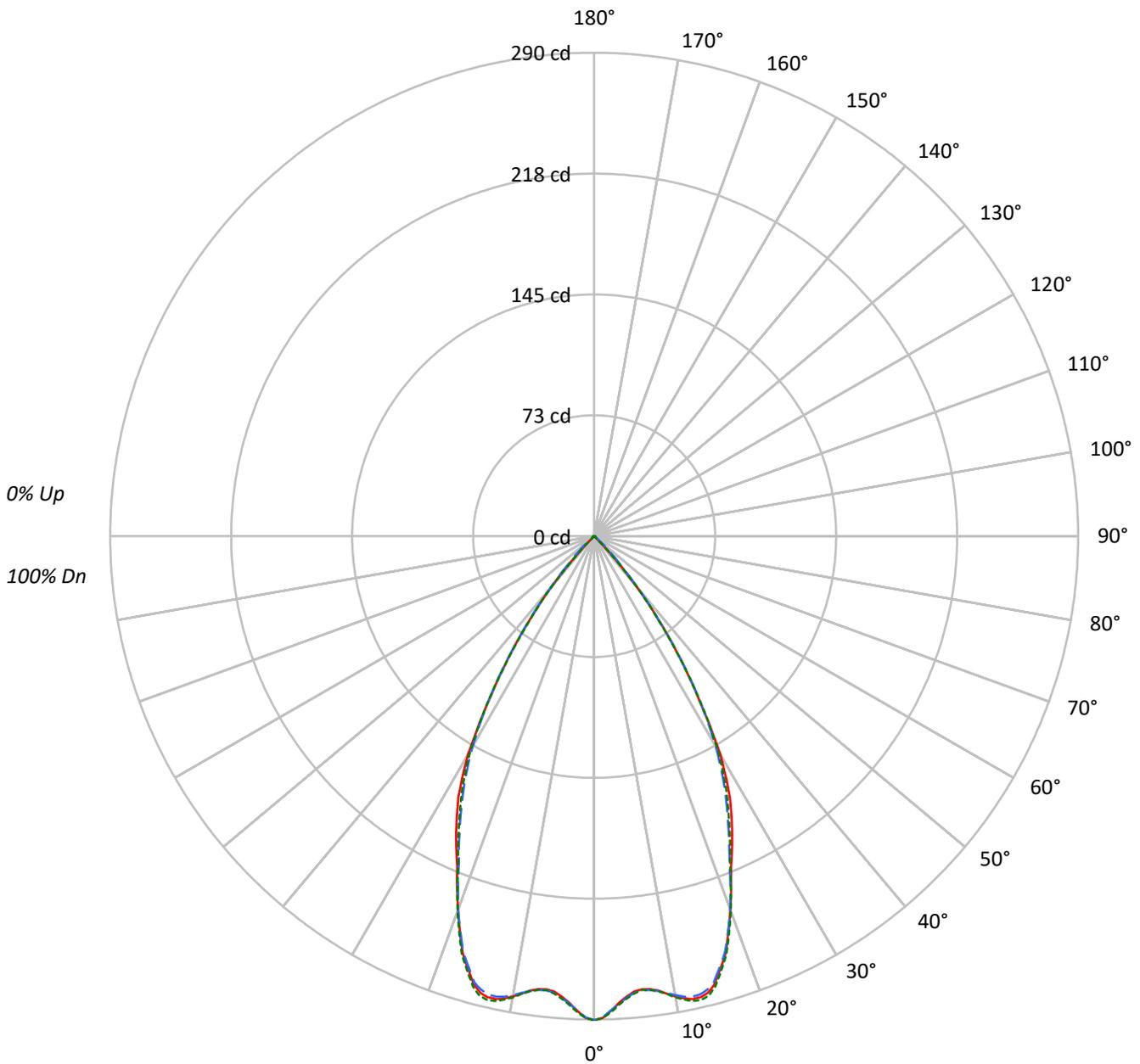
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 259.0 lumens
Efficiency: N/A
Efficacy: 89.3 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°	50013	50013	50013
5°	47404	47542	47611
10°	49036	48896	49159
15°	49638	49424	49923
20°	43711	43675	43894
25°	37188	36124	36428
30°	30029	28975	29452
35°	19006	19174	18964
40°	8880	9240	9015
45°	536	3264	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: 3264 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.5	10.2
10°-20°	76.2	29.4
20°-30°	87.9	33.9
30°-40°	56.4	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°	190.6	73.6
0°-40°	247.0	95.4
0°-60°	257.7	99.5
0°-90°	259.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	259.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	290	290	290	290	290	
5°	274	275	275	276	275	26
15°	278	277	277	279	280	76
25°	196	194	190	190	192	89
35°	90	90	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°	290.4	290.4	290.4	290.4	290.4
1°	289.2	289.0	288.8	289.0	289.2
2°	285.1	284.9	284.7	285.5	285.9
3°	280.6	280.9	281.1	281.5	281.7
4°	277.0	277.4	277.6	278.0	278.2
5°	274.2	274.8	275.0	275.6	275.4
6°	273.4	273.8	274.0	274.2	273.8
7°	273.8	274.0	274.2	274.6	274.2
8°	275.2	275.4	275.6	275.8	275.8
9°	278.0	277.6	277.4	278.2	278.0
10°	280.4	279.8	279.6	280.9	281.1
11°	282.5	281.7	281.5	282.9	283.3
12°	283.9	282.7	282.5	284.3	285.1
13°	283.9	282.3	282.3	284.3	285.5
14°	282.3	280.4	280.4	282.7	284.1
15°	278.4	277.4	277.2	279.0	280.0
17.5°	262.2	261.0	261.2	263.2	263.4
20°	238.5	237.9	238.3	238.7	239.5
22.5°	214.4	214.0	211.8	212.4	212.8
25°	195.7	193.5	190.1	190.3	191.7
27.5°	176.1	173.9	169.0	170.0	171.4
30°	151.0	149.1	145.7	146.3	148.1
32.5°	118.5	122.2	118.9	120.0	119.4
35°	90.4	89.8	91.2	89.4	90.2
37.5°	63.6	63.8	64.4	62.8	62.8
40°	39.5	40.5	41.1	40.3	40.1
42.5°	16.6	22.7	23.9	22.7	16.8
45°	2.2	6.7	13.4	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)