

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: P1320891

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQPHRLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320891
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R35B2750DE010 3LSQPHRLD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

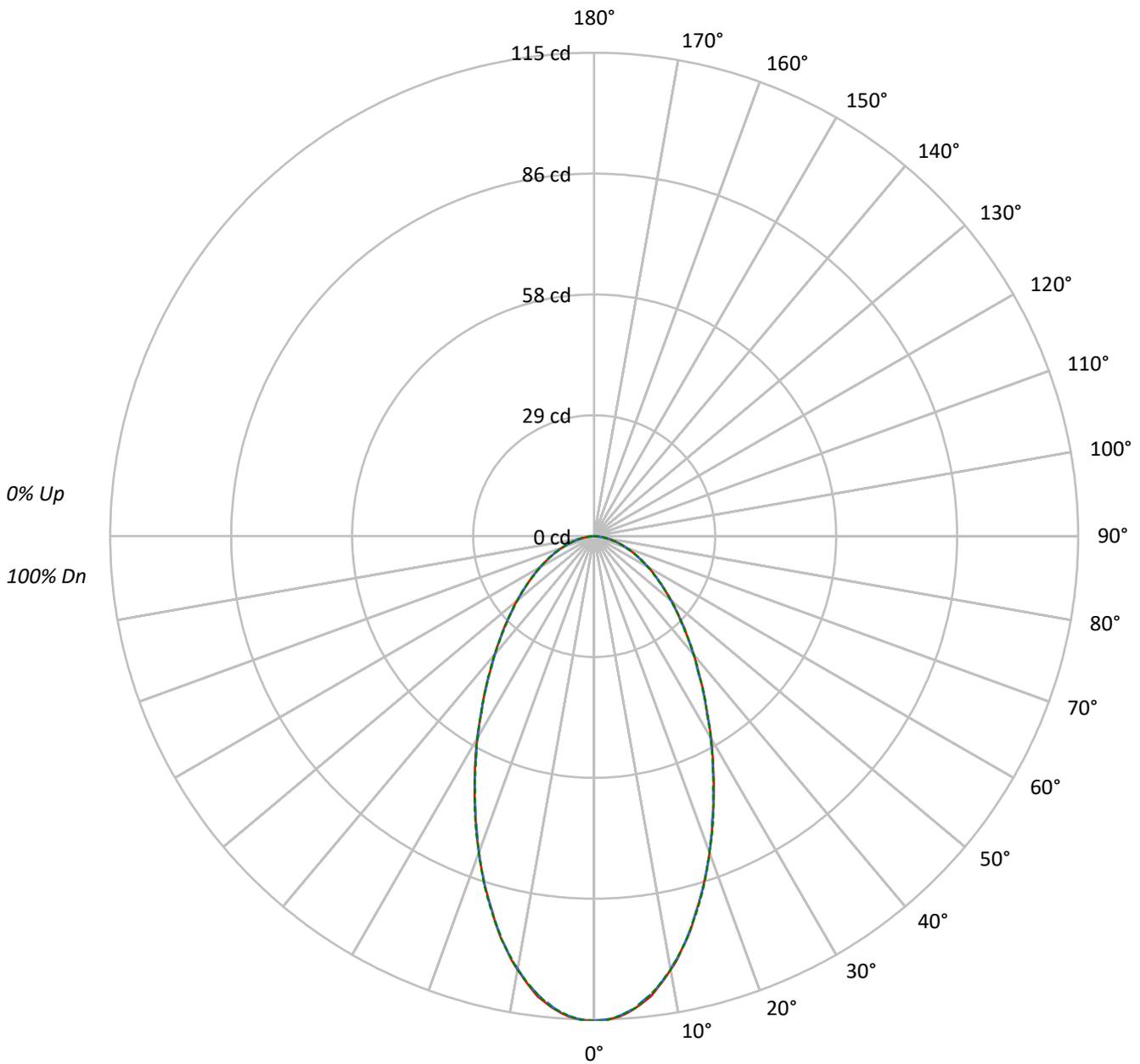
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 154.0 lumens
Efficiency: N/A
Efficacy: 53.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68
4	88	78	71	65	86	77	70	64	75	68	64	72	67	63	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	19857	19857	19857
5°	19484	19449	19484
10°	18310	18275	18310
15°	16582	16582	16617
20°	14680	14680	14680
25°	12770	12732	12732
30°	11057	10997	11037
35°	9524	9482	9524
40°	8273	8228	8273
45°	7258	7209	7209
50°	6430	6377	6377
55°	5675	5675	5675
60°	5132	5063	5132
65°	4605	4605	4605
70°	4079	4079	4079
75°	3726	3593	3726
80°	3174	3174	3174
85°	1976	1976	1976

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7258 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.5	6.8
10°-20°	26.0	16.9
20°-30°	30.8	20.0
30°-40°	28.3	18.4
40°-50°	23.0	14.9
50°-60°	17.0	11.1
60°-70°	11.2	7.3
70°-80°	5.9	3.8
80°-90°	1.3	0.9
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°	67.3	43.7
0°-40°	95.6	62.1
0°-60°	135.6	88.1
0°-90°	154.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	154.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	115	115	115	115	115	
5°	113	112	112	112	113	11
15°	93	93	93	93	93	26
25°	67	67	67	67	67	31
35°	45	45	45	45	45	28
45°	30	30	30	30	30	23
55°	19	19	19	19	19	17
65°	11	11	11	11	11	11
75°	6	6	5	6	6	6
85°	1	1	1	1	1	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	115.3	115.3	115.3	115.3	115.3
1°	115.3	115.1	115.1	115.1	115.3
2°	114.9	114.9	114.9	114.9	114.9
3°	114.5	114.3	114.3	114.3	114.3
4°	113.7	113.5	113.5	113.5	113.5
5°	112.7	112.5	112.5	112.5	112.7
6°	111.5	111.3	111.1	111.1	111.3
7°	110.3	109.9	109.9	109.9	109.9
8°	108.5	108.3	108.3	108.3	108.3
9°	106.7	106.3	106.5	106.5	106.5
10°	104.7	104.5	104.5	104.5	104.7
11°	102.8	102.6	102.6	102.4	102.6
12°	100.4	100.4	100.4	100.4	100.4
13°	98.2	98.0	98.0	98.0	98.2
14°	95.8	95.6	95.6	95.6	95.6
15°	93.0	93.0	93.0	93.0	93.2
17.5°	86.7	86.5	86.7	86.7	86.9
20°	80.1	79.9	80.1	80.1	80.1
22.5°	73.5	73.5	73.3	73.5	73.7
25°	67.2	67.0	67.0	67.2	67.0
27.5°	61.2	61.0	61.0	61.0	61.0
30°	55.6	55.3	55.3	55.5	55.5
32.5°	49.9	49.9	50.1	49.9	49.9
35°	45.3	45.1	45.1	45.3	45.3
37.5°	40.7	40.5	40.5	40.7	40.7
40°	36.8	36.8	36.6	36.8	36.8
42.5°	33.0	33.0	33.0	33.0	33.0
45°	29.8	29.6	29.6	29.6	29.6
47.5°	26.6	26.6	26.6	26.4	26.6
50°	24.0	23.8	23.8	23.8	23.8
52.5°	21.3	21.3	21.3	21.3	21.3
55°	18.9	18.9	18.9	18.9	18.9
57.5°	16.9	16.7	16.7	16.7	16.7
60°	14.9	14.9	14.7	14.9	14.9
62.5°	12.9	12.9	12.9	12.9	12.9
65°	11.3	11.3	11.3	11.3	11.3
67.5°	9.7	9.7	9.7	9.7	9.7
70°	8.1	8.1	8.1	8.1	8.1
72.5°	7.0	6.8	6.8	6.8	6.8
75°	5.6	5.6	5.4	5.6	5.6
77.5°	4.2	4.2	4.2	4.2	4.2
80°	3.2	3.2	3.2	3.0	3.2
82.5°	2.0	2.0	2.0	2.0	2.0
85°	1.0	1.0	1.0	1.0	1.0
87.5°	0.2	0.2	0.2	0.4	0.4



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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)