

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: P1320894

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQPHRLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320894
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

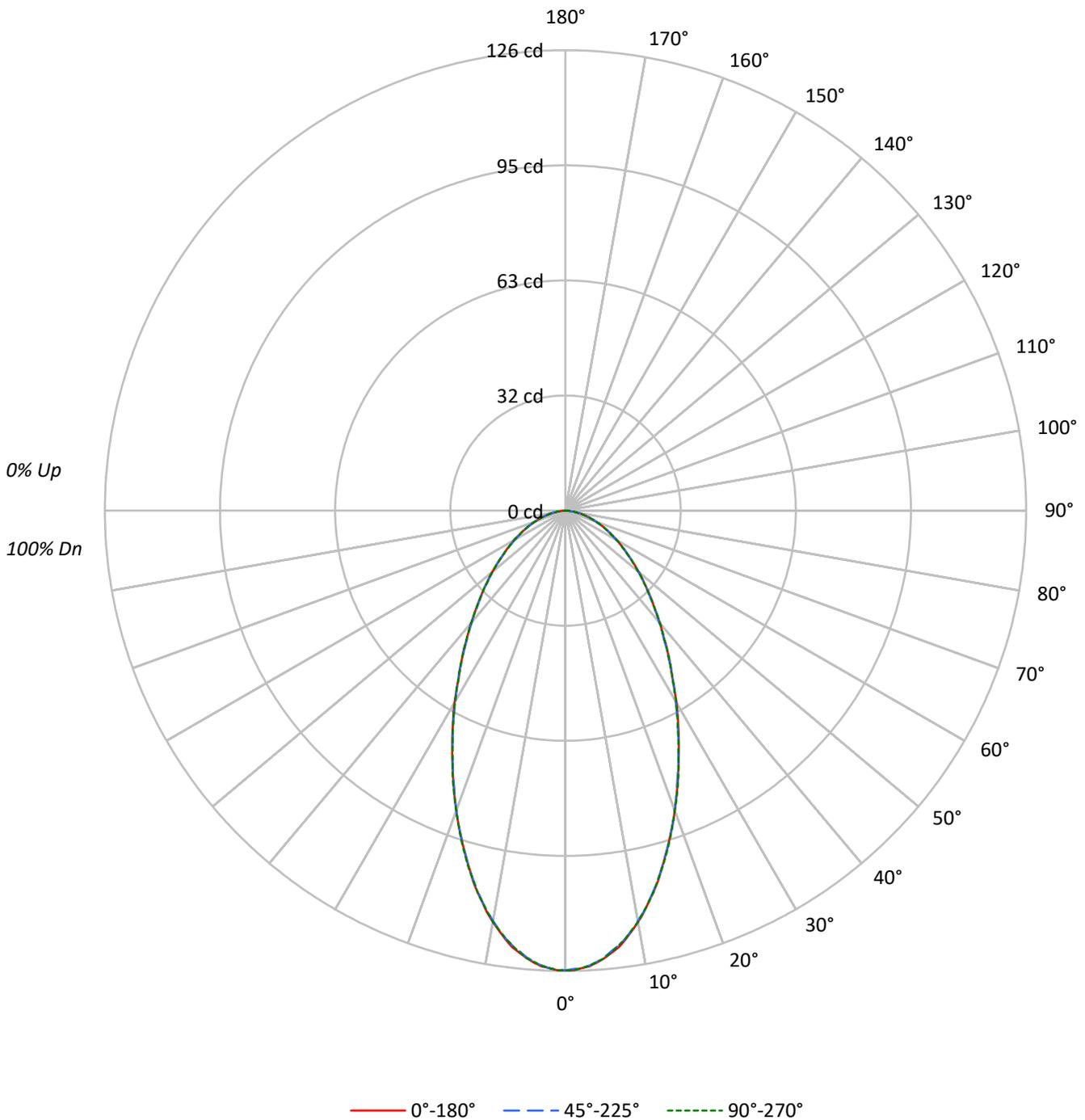
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 168.0 lumens
Efficiency: N/A
Efficacy: 57.9 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

TEST NUMBER: P1320894
CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRLD1MW_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1320894

CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRLD1MW_5000K

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	57	68	62	57	66	61	56	65	60	56	54
6	77	65	58	52	75	64	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	37
10	60	49	41	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	21666	21666	21666
5°	21247	21212	21247
10°	19989	19936	19989
15°	18097	18097	18133
20°	16018	16018	16018
25°	13929	13891	13891
30°	12071	11992	12031
35°	10386	10344	10386
40°	9015	8970	9015
45°	7916	7867	7867
50°	7020	6966	6966
55°	6185	6185	6185
60°	5614	5511	5614
65°	5053	5053	5053
70°	4482	4482	4482
75°	4059	3926	4059
80°	3471	3471	3471
85°	2174	2174	2174

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7916 cd/sqm



TEST NUMBER: P1320894

CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRLD1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.4	6.8
10°-20°	28.3	16.8
20°-30°	33.6	20.0
30°-40°	30.9	18.4
40°-50°	25.1	14.9
50°-60°	18.6	11.0
60°-70°	12.3	7.3
70°-80°	6.4	3.8
80°-90°	1.4	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°	73.4	43.7
0°-40°	104.3	62.1
0°-60°	147.9	88.0
0°-90°	168.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	168.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	126	126	126	126	126	
5°	123	123	123	123	123	11
15°	102	102	102	102	102	28
25°	73	73	73	73	73	34
35°	49	49	49	49	49	31
45°	32	32	32	32	32	25
55°	21	21	21	21	21	19
65°	12	12	12	12	12	12
75°	6	6	6	6	6	6
85°	1	1	1	1	1	1
90°	0	0	0	0	0	



TEST NUMBER: P1320894

CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRLD1MW_5000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	125.8	125.8	125.8	125.8	125.8
1°	125.8	125.5	125.5	125.5	125.8
2°	125.3	125.3	125.3	125.3	125.3
3°	124.9	124.7	124.7	124.7	124.7
4°	124.0	123.8	123.8	123.8	123.8
5°	122.9	122.7	122.7	122.7	122.9
6°	121.6	121.4	121.2	121.2	121.4
7°	120.3	119.9	119.9	119.9	119.9
8°	118.4	118.2	118.2	118.2	118.2
9°	116.4	116.0	116.2	116.2	116.2
10°	114.3	114.0	114.0	114.0	114.3
11°	112.1	111.9	111.9	111.7	111.9
12°	109.5	109.5	109.5	109.5	109.5
13°	107.1	106.9	106.9	106.9	107.1
14°	104.5	104.3	104.3	104.3	104.3
15°	101.5	101.5	101.5	101.5	101.7
17.5°	94.5	94.3	94.5	94.5	94.7
20°	87.4	87.2	87.4	87.4	87.4
22.5°	80.2	80.2	80.0	80.2	80.4
25°	73.3	73.1	73.1	73.3	73.1
27.5°	66.8	66.6	66.6	66.6	66.6
30°	60.7	60.3	60.3	60.5	60.5
32.5°	54.4	54.4	54.6	54.4	54.4
35°	49.4	49.2	49.2	49.4	49.4
37.5°	44.4	44.2	44.2	44.4	44.4
40°	40.1	40.1	39.9	40.1	40.1
42.5°	36.0	36.0	36.0	36.0	36.0
45°	32.5	32.3	32.3	32.3	32.3
47.5°	29.1	29.1	29.1	28.8	29.1
50°	26.2	26.0	26.0	26.0	26.0
52.5°	23.2	23.2	23.2	23.2	23.2
55°	20.6	20.6	20.6	20.6	20.6
57.5°	18.4	18.2	18.2	18.2	18.2
60°	16.3	16.3	16.0	16.3	16.3
62.5°	14.1	14.1	14.1	14.1	14.1
65°	12.4	12.4	12.4	12.4	12.4
67.5°	10.6	10.6	10.6	10.6	10.6
70°	8.9	8.9	8.9	8.9	8.9
72.5°	7.6	7.4	7.4	7.4	7.4
75°	6.1	6.1	5.9	6.1	6.1
77.5°	4.6	4.6	4.6	4.6	4.6
80°	3.5	3.5	3.5	3.3	3.5
82.5°	2.2	2.2	2.2	2.2	2.2
85°	1.1	1.1	1.1	1.1	1.1
87.5°	0.2	0.2	0.2	0.4	0.4



TEST NUMBER: P1320894
CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRLD1MW_5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)