

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: P1320898

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQPHRLP1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320898
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R35B2750DE010 3LSQPHRLP1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 80CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

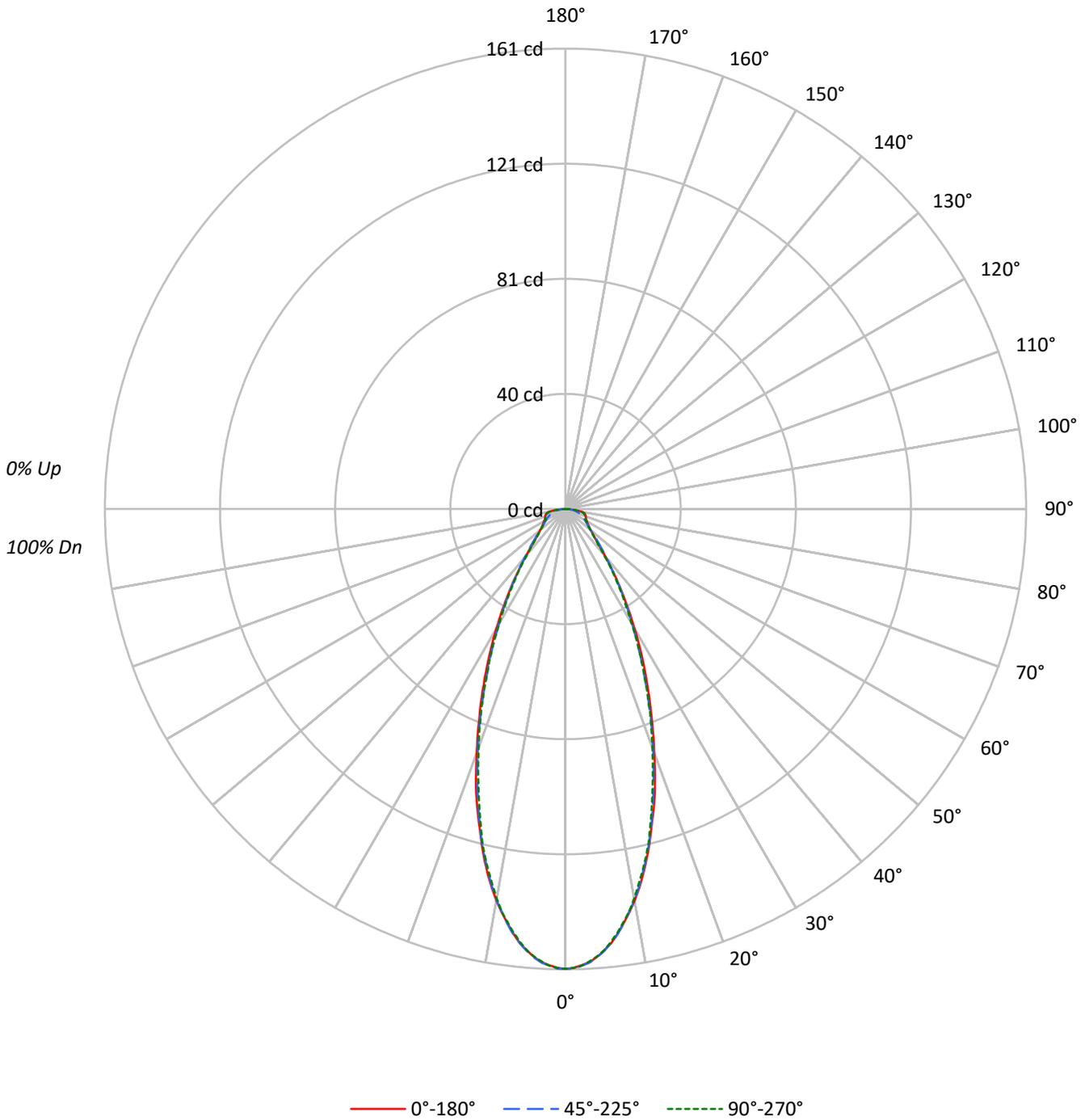
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 133.0 lumens
Efficiency: N/A
Efficacy: 45.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
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: P1320898
CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRLP1MW_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1320898

CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRLP1MW_4000K

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	100	100	100	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89	89	89	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	79	79	79	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	72	72	72	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65	65	65	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	62	60	60	60	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	56	56	56	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	52	52	52	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	49	49	49	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	46	46	46	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	43	43	43	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	27693	27693	27693
5°	26779	26814	26779
10°	24326	24291	24186
15°	20647	20576	20397
20°	16623	16403	16257
25°	12846	12466	12466
30°	9585	9267	9188
35°	6896	6812	6644
40°	4834	4969	4654
45°	3605	3800	3507
50°	3081	3081	3028
55°	2913	2792	2852
60°	2997	2721	2859
65°	3219	2730	3138
70°	3777	2870	3676
75°	4724	2994	4591
80°	6050	3174	5455
85°	4742	3162	4742

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 6050 cd/sqm



TEST NUMBER: P1320898

CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRLP1MW_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.3	10.7
10°-20°	31.9	24.0
20°-30°	30.4	22.9
30°-40°	20.4	15.4
40°-50°	12.0	9.0
50°-60°	8.6	6.4
60°-70°	7.2	5.4
70°-80°	5.9	4.4
80°-90°	2.4	1.8
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°	76.6	57.6
0°-40°	97.0	72.9
0°-60°	117.6	88.4
0°-90°	133.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	133.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	161	161	161	161	161	
5°	155	155	155	155	155	14
15°	116	116	115	115	114	32
25°	68	67	66	66	66	31
35°	33	33	32	32	32	21
45°	15	15	16	15	14	12
55°	10	10	9	9	10	9
65°	8	7	7	7	8	8
75°	7	6	4	6	7	7
85°	2	3	2	3	2	3
90°	0	0	0	0	0	



TEST NUMBER: P1320898

CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRLP1MW_4000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	160.8	160.8	160.8	160.8	160.8
1°	160.5	160.8	160.8	160.5	160.5
2°	159.7	160.1	159.9	159.7	159.9
3°	158.7	159.1	158.9	158.7	158.5
4°	157.1	157.5	157.3	156.9	156.9
5°	154.9	155.3	155.1	154.9	154.9
6°	152.7	153.1	152.7	152.2	152.2
7°	149.6	150.2	149.8	149.4	149.2
8°	146.2	146.8	146.4	146.2	145.8
9°	142.7	143.1	142.5	142.5	142.5
10°	139.1	139.3	138.9	138.3	138.3
11°	135.0	134.8	134.6	134.2	133.8
12°	130.6	130.6	130.0	129.6	129.4
13°	125.9	125.7	125.3	124.9	124.9
14°	121.1	121.1	120.7	119.9	120.1
15°	115.8	116.0	115.4	114.6	114.4
17.5°	103.9	103.5	102.4	101.8	101.2
20°	90.7	90.5	89.5	88.9	88.7
22.5°	78.6	78.4	77.3	76.7	77.1
25°	67.6	66.8	65.6	65.6	65.6
27.5°	57.5	56.5	55.7	55.3	55.7
30°	48.2	47.4	46.6	46.4	46.2
32.5°	39.9	39.5	39.1	38.5	38.5
35°	32.8	32.8	32.4	31.8	31.6
37.5°	26.7	26.9	26.7	26.1	25.9
40°	21.5	21.9	22.1	21.5	20.7
42.5°	17.6	18.2	18.6	17.6	17.0
45°	14.8	15.2	15.6	14.8	14.4
47.5°	13.0	13.2	13.4	12.8	12.6
50°	11.5	11.5	11.5	11.3	11.3
52.5°	10.5	10.5	10.3	10.1	10.1
55°	9.7	9.5	9.3	9.3	9.5
57.5°	9.1	8.9	8.5	8.7	8.9
60°	8.7	8.3	7.9	8.1	8.3
62.5°	8.1	7.7	7.3	7.5	7.9
65°	7.9	7.1	6.7	7.1	7.7
67.5°	7.7	6.7	6.1	6.7	7.5
70°	7.5	6.3	5.7	6.3	7.3
72.5°	7.3	5.9	5.1	5.9	7.1
75°	7.1	5.5	4.5	5.5	6.9
77.5°	6.7	5.1	3.8	5.1	6.3
80°	6.1	4.7	3.2	4.5	5.5
82.5°	4.5	3.8	2.6	3.8	4.0
85°	2.4	2.6	1.6	2.6	2.4
87.5°	0.2	0.4	0.4	1.2	0.8



TEST NUMBER: P1320898
CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRLP1MW_4000K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)