

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: P1320896

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQPHRLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320896
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_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

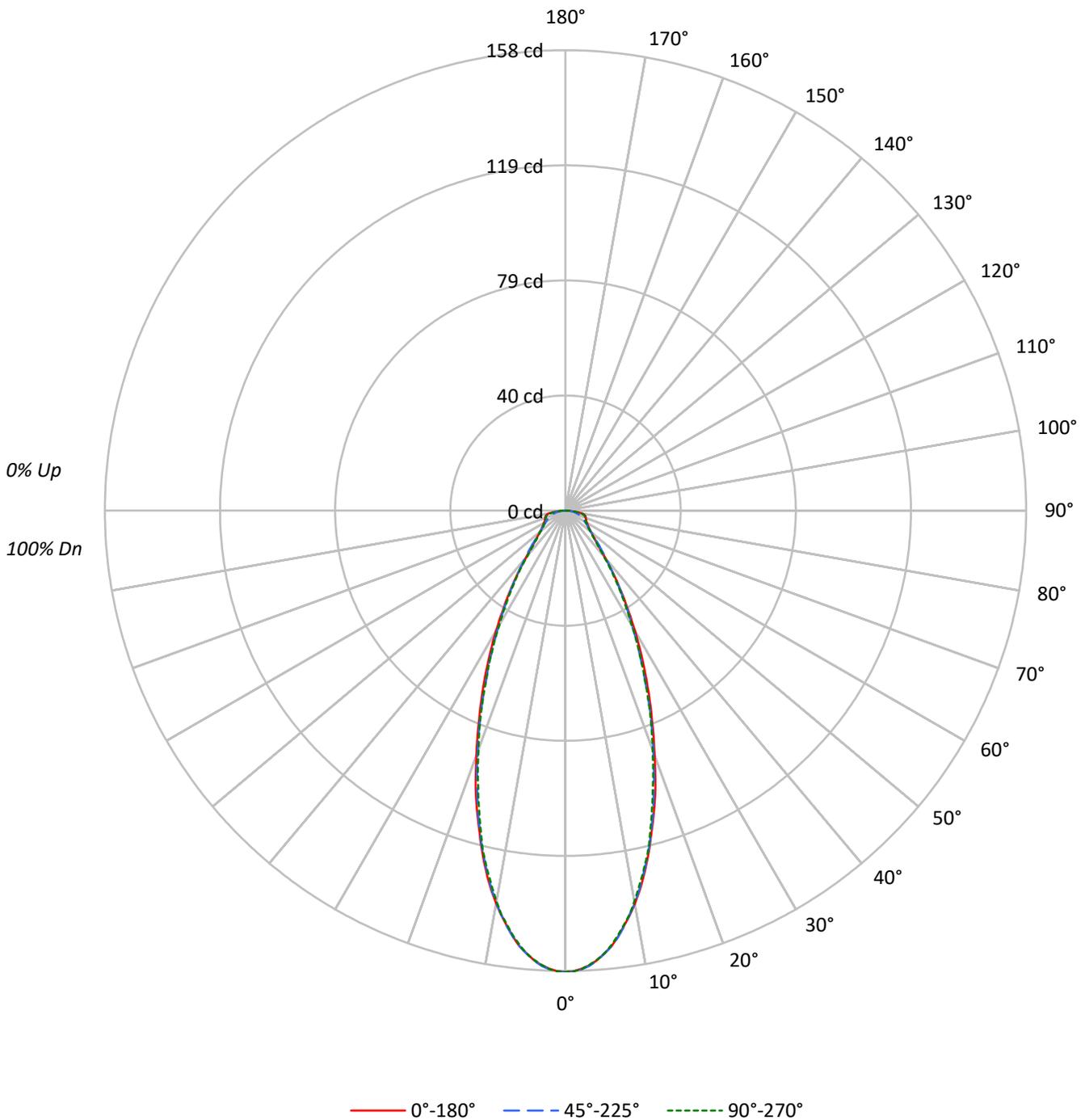
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 131.1 lumens
Efficiency: N/A
Efficacy: 45.2 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

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Luminous Intensity Polar Plot





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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	27263	27263	27263
5°	26382	26399	26382
10°	23958	23924	23819
15°	20344	20272	20094
20°	16367	16147	16000
25°	12656	12276	12276
30°	9446	9128	9048
35°	6791	6707	6539
40°	4744	4879	4564
45°	3556	3751	3459
50°	3054	3054	3001
55°	2883	2762	2822
60°	2962	2687	2824
65°	3179	2690	3097
70°	3726	2820	3626
75°	4658	2928	4525
80°	5951	3174	5356
85°	4742	3162	4742

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 5951 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.1	10.7
10°-20°	31.4	23.9
20°-30°	30.0	22.9
30°-40°	20.1	15.4
40°-50°	11.8	9.0
50°-60°	8.5	6.5
60°-70°	7.1	5.4
70°-80°	5.8	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°	75.4	57.5
0°-40°	95.5	72.9
0°-60°	115.8	88.4
0°-90°	131.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	131.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	158	158	158	158	158	
5°	153	153	153	153	153	14
15°	114	114	114	113	113	32
25°	67	66	65	65	65	31
35°	32	32	32	31	31	20
45°	15	15	15	15	14	12
55°	10	9	9	9	9	9
65°	8	7	7	7	8	8
75°	7	5	4	5	7	7
85°	2	3	2	3	2	3
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	158.3	158.3	158.3	158.3	158.3
1°	158.1	158.3	158.3	158.1	158.1
2°	157.3	157.7	157.5	157.3	157.5
3°	156.3	156.7	156.5	156.3	156.1
4°	154.7	155.1	154.9	154.5	154.5
5°	152.6	152.9	152.7	152.6	152.6
6°	150.4	150.8	150.4	150.0	150.0
7°	147.4	148.0	147.6	147.2	147.0
8°	144.0	144.6	144.2	144.0	143.6
9°	140.6	141.0	140.4	140.4	140.4
10°	137.0	137.2	136.8	136.2	136.2
11°	133.0	132.8	132.6	132.2	131.8
12°	128.6	128.6	128.0	127.6	127.4
13°	124.0	123.8	123.4	123.0	123.0
14°	119.2	119.2	118.8	118.1	118.3
15°	114.1	114.3	113.7	112.9	112.7
17.5°	102.3	101.9	100.9	100.3	99.7
20°	89.3	89.1	88.1	87.5	87.3
22.5°	77.4	77.2	76.2	75.6	76.0
25°	66.6	65.8	64.6	64.6	64.6
27.5°	56.6	55.6	54.8	54.4	54.8
30°	47.5	46.7	45.9	45.7	45.5
32.5°	39.3	38.9	38.5	37.9	37.9
35°	32.3	32.3	31.9	31.3	31.1
37.5°	26.3	26.5	26.3	25.7	25.5
40°	21.1	21.5	21.7	21.1	20.3
42.5°	17.3	17.9	18.3	17.3	16.8
45°	14.6	15.0	15.4	14.6	14.2
47.5°	12.8	13.0	13.2	12.6	12.4
50°	11.4	11.4	11.4	11.2	11.2
52.5°	10.4	10.4	10.2	10.0	10.0
55°	9.6	9.4	9.2	9.2	9.4
57.5°	9.0	8.8	8.4	8.6	8.8
60°	8.6	8.2	7.8	8.0	8.2
62.5°	8.0	7.6	7.2	7.4	7.8
65°	7.8	7.0	6.6	7.0	7.6
67.5°	7.6	6.6	6.0	6.6	7.4
70°	7.4	6.2	5.6	6.2	7.2
72.5°	7.2	5.8	5.0	5.8	7.0
75°	7.0	5.4	4.4	5.4	6.8
77.5°	6.6	5.0	3.8	5.0	6.2
80°	6.0	4.6	3.2	4.4	5.4
82.5°	4.4	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



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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)