

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: P1320886

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQPHRL1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320886
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R35B2750DE010 3LSQPHRL1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , 3LSQPHRL1MW TRIM
Light Source: -
Ballast/Driver: -

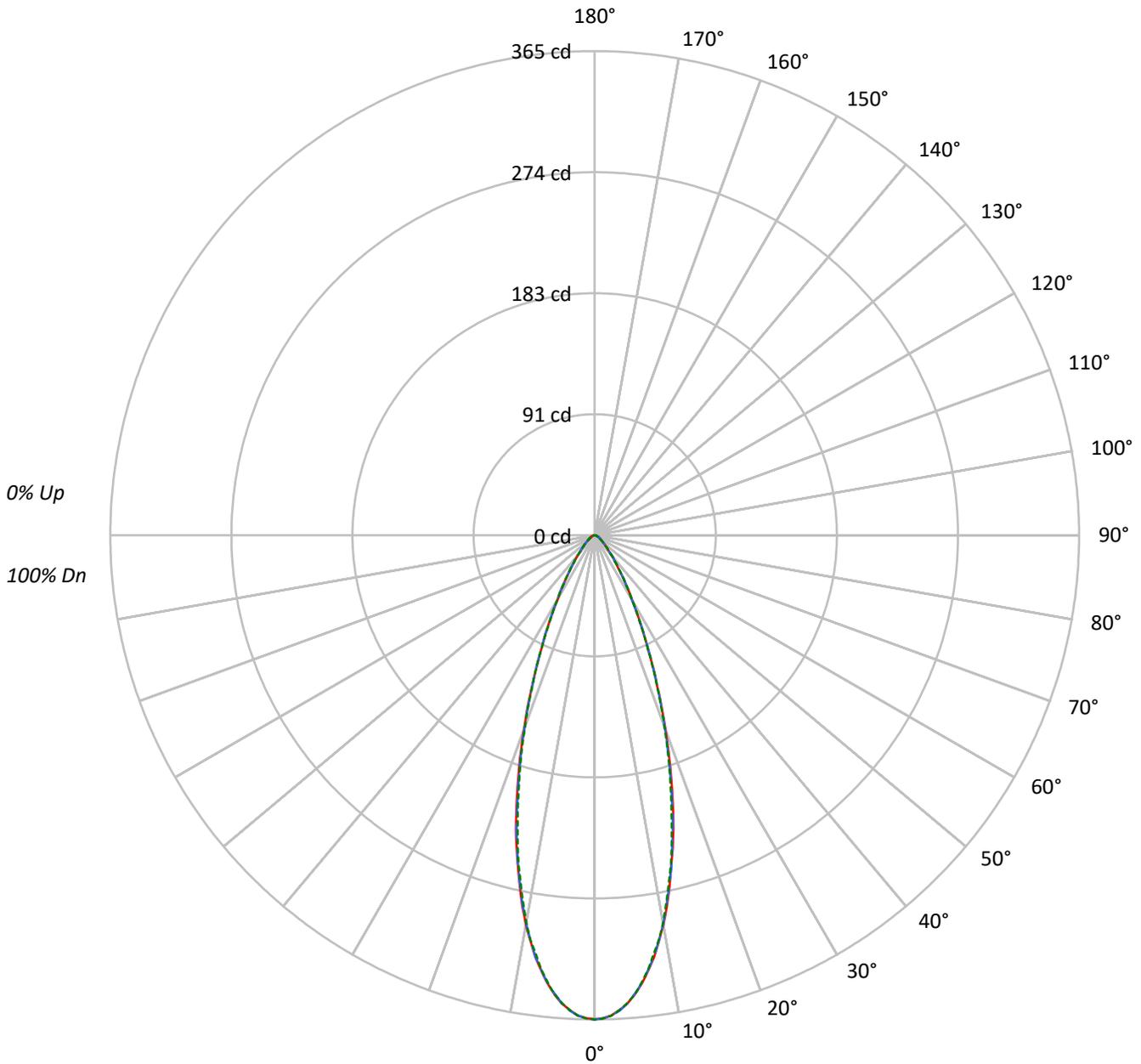
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 180.0 lumens
Efficiency: N/A
Efficacy: 62.1 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.58 / 0.6
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: P1320886
CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRL1MW_3000K

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1320886

CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRL1MW_3000K

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	106	104	105	103	101	101	99	98	97	96	95	95	95	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	87	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	83	83	82	82
4	98	91	86	82	96	90	85	81	88	84	80	86	82	79	84	81	78	78	78	77	77
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	74	74	73	73
6	90	81	76	72	88	81	75	71	79	74	71	78	74	70	76	73	70	70	70	69	69
7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	66	66	65	65
8	82	73	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	63	63	62	62
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	60	60	59	59
10	76	67	62	58	75	67	61	58	66	61	58	65	61	58	64	60	57	57	57	56	56

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	62861	62861	62861
5°	60059	59955	60059
10°	52149	51974	51904
15°	40866	40545	39903
20°	28591	28334	28151
25°	18148	18262	18148
30°	11176	11256	11176
35°	6917	6959	6959
40°	4384	4429	4429
45°	2971	3020	3069
50°	2143	2197	2197
55°	1681	1681	1681
60°	1378	1378	1378
65°	1223	1223	1223
70°	1108	1108	1108
75°	932	932	932
80°	793	793	793
85°	395	395	790

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°
 Vertical Angle: 45°
 Luminance: 3069 cd/sqm



TEST NUMBER: P1320886

CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRL1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.5	17.5
10°-20°	62.1	34.5
20°-30°	44.8	24.9
30°-40°	21.6	12.0
40°-50°	10.0	5.5
50°-60°	5.2	2.9
60°-70°	3.0	1.7
70°-80°	1.5	0.8
80°-90°	0.4	0.2
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°	138.5	76.9
0°-40°	160.1	88.9
0°-60°	175.2	97.3
0°-90°	180.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	180.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	365	365	365	365	365	
5°	347	348	347	347	347	32
15°	229	229	227	226	224	62
25°	96	96	96	96	96	45
35°	33	33	33	33	33	21
45°	12	12	12	13	13	10
55°	6	6	6	6	6	5
65°	3	3	3	3	3	3
75°	1	1	1	1	1	2
85°	0	0	0	0	0	0
90°	0	0	0	0	0	



TEST NUMBER: P1320886

CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRL1MW_3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	365.0	365.0	365.0	365.0	365.0
1°	364.0	364.6	364.4	364.6	364.4
2°	362.2	362.6	362.2	362.4	362.4
3°	358.4	358.8	358.8	358.6	358.4
4°	353.8	354.8	353.8	354.0	353.4
5°	347.4	348.2	346.8	347.0	347.4
6°	339.7	339.9	339.5	339.3	338.9
7°	330.7	331.5	330.1	330.3	329.9
8°	321.1	320.9	320.9	320.1	318.9
9°	309.5	310.3	309.1	308.7	308.9
10°	298.2	298.2	297.2	296.2	296.8
11°	285.2	284.8	284.2	282.8	282.4
12°	271.0	271.8	270.0	269.5	268.1
13°	256.5	257.7	256.9	254.7	254.9
14°	242.9	242.1	241.5	241.1	239.7
15°	229.2	228.8	227.4	226.4	223.8
17.5°	191.5	191.9	189.3	188.9	187.9
20°	156.0	154.8	154.6	154.8	153.6
22.5°	123.1	124.3	122.9	123.1	122.3
25°	95.5	95.7	96.1	96.1	95.5
27.5°	74.2	74.2	73.8	74.2	73.6
30°	56.2	56.2	56.6	57.0	56.2
32.5°	43.5	43.5	43.5	43.7	43.9
35°	32.9	32.9	33.1	33.1	33.1
37.5°	25.3	25.5	25.7	25.7	25.7
40°	19.5	19.7	19.7	19.9	19.7
42.5°	15.6	15.6	15.6	15.8	15.8
45°	12.2	12.4	12.4	12.6	12.6
47.5°	10.0	10.0	10.0	10.2	10.2
50°	8.0	8.2	8.2	8.2	8.2
52.5°	6.6	6.6	6.8	6.8	6.8
55°	5.6	5.6	5.6	5.6	5.6
57.5°	4.6	4.8	4.8	4.8	4.8
60°	4.0	4.0	4.0	4.0	4.0
62.5°	3.4	3.4	3.4	3.4	3.4
65°	3.0	3.0	3.0	3.0	3.0
67.5°	2.4	2.6	2.6	2.6	2.6
70°	2.2	2.2	2.2	2.2	2.2
72.5°	1.6	1.8	1.8	1.8	1.8
75°	1.4	1.4	1.4	1.4	1.4
77.5°	1.2	1.0	1.0	1.0	1.2
80°	0.8	0.8	0.8	0.8	0.8
82.5°	0.6	0.6	0.6	0.6	0.6
85°	0.2	0.2	0.2	0.2	0.4
87.5°	0.0	0.0	0.0	0.2	0.2



TEST NUMBER: P1320886
CATALOG NUMBER: LDSQA3D02R35B2750DE010 3LSQPHRL1MW_3000K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)