

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: P1320893

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQPHRLD1MW\_4000K

Issue Date: 1/29/2026

**Test Information**

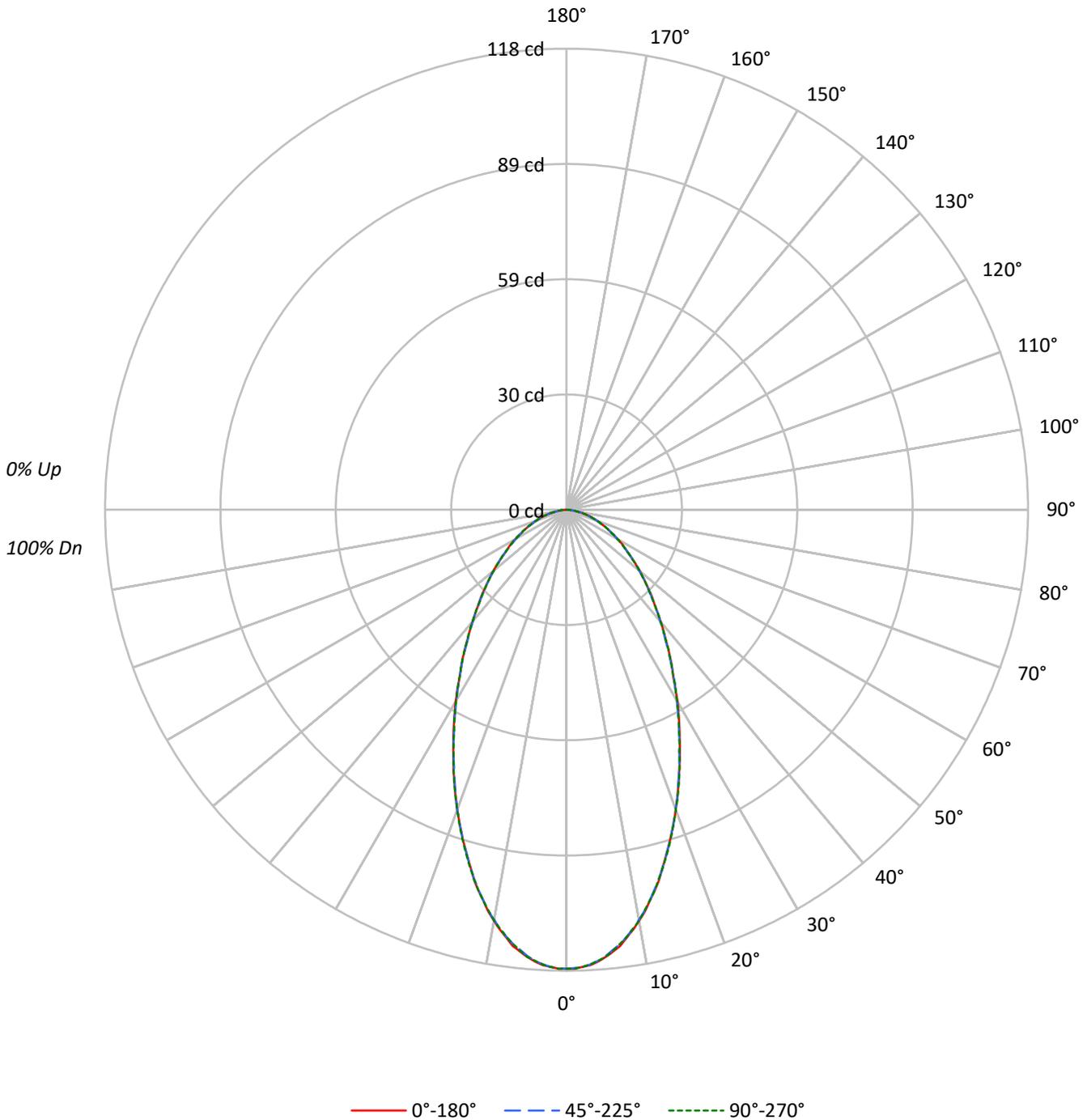
Test Method: LM-79-2019  
Report Number: P1320893  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R35B2750DE010 3LSQPHRLD1MW\_4000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 80CRI , 3LSQPHRLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 157.0 lumens  
Efficiency: N/A  
Efficacy: 54.1 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





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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	65	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°	20236	20236	20236
5°	19864	19829	19864
10°	18677	18642	18677
15°	16903	16903	16938
20°	14974	14974	14974
25°	13017	12979	12979
30°	11276	11196	11236
35°	9713	9671	9713
40°	8431	8386	8431
45°	7404	7355	7355
50°	6564	6511	6511
55°	5765	5765	5765
60°	5236	5167	5236
65°	4686	4686	4686
70°	4179	4179	4179
75°	3793	3660	3793
80°	3174	3174	3174
85°	1976	1976	1976

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7404 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	10.7	6.8
10°-20°	26.5	16.8
20°-30°	31.4	20.0
30°-40°	28.9	18.4
40°-50°	23.5	14.9
50°-60°	17.3	11.0
60°-70°	11.5	7.3
70°-80°	6.0	3.8
80°-90°	1.3	0.8
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
<b>0°-30°</b>	<b>68.6</b>	<b>43.7</b>
<b>0°-40°</b>	<b>97.5</b>	<b>62.1</b>
<b>0°-60°</b>	<b>138.2</b>	<b>88.1</b>
<b>0°-90°</b>	<b>157.0</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>157.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	118	118	118	118	118	
5°	115	115	115	115	115	11
15°	95	95	95	95	95	26
25°	68	68	68	68	68	31
35°	46	46	46	46	46	29
45°	30	30	30	30	30	24
55°	19	19	19	19	19	17
65°	12	12	12	12	12	11
75°	6	6	6	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°	117.5	117.5	117.5	117.5	117.5
1°	117.5	117.3	117.3	117.3	117.5
2°	117.1	117.1	117.1	117.1	117.1
3°	116.7	116.5	116.5	116.5	116.5
4°	115.9	115.7	115.7	115.7	115.7
5°	114.9	114.7	114.7	114.7	114.9
6°	113.7	113.5	113.3	113.3	113.5
7°	112.5	112.0	112.0	112.0	112.0
8°	110.6	110.4	110.4	110.4	110.4
9°	108.8	108.4	108.6	108.6	108.6
10°	106.8	106.6	106.6	106.6	106.8
11°	104.8	104.6	104.6	104.4	104.6
12°	102.3	102.3	102.3	102.3	102.3
13°	100.1	99.9	99.9	99.9	100.1
14°	97.7	97.5	97.5	97.5	97.5
15°	94.8	94.8	94.8	94.8	95.0
17.5°	88.3	88.1	88.3	88.3	88.5
20°	81.7	81.5	81.7	81.7	81.7
22.5°	75.0	75.0	74.8	75.0	75.2
25°	68.5	68.3	68.3	68.5	68.3
27.5°	62.4	62.2	62.2	62.2	62.2
30°	56.7	56.3	56.3	56.5	56.5
32.5°	50.9	50.9	51.1	50.9	50.9
35°	46.2	46.0	46.0	46.2	46.2
37.5°	41.5	41.3	41.3	41.5	41.5
40°	37.5	37.5	37.3	37.5	37.5
42.5°	33.6	33.6	33.6	33.6	33.6
45°	30.4	30.2	30.2	30.2	30.2
47.5°	27.2	27.2	27.2	26.9	27.2
50°	24.5	24.3	24.3	24.3	24.3
52.5°	21.7	21.7	21.7	21.7	21.7
55°	19.2	19.2	19.2	19.2	19.2
57.5°	17.2	17.0	17.0	17.0	17.0
60°	15.2	15.2	15.0	15.2	15.2
62.5°	13.2	13.2	13.2	13.2	13.2
65°	11.5	11.5	11.5	11.5	11.5
67.5°	9.9	9.9	9.9	9.9	9.9
70°	8.3	8.3	8.3	8.3	8.3
72.5°	7.1	6.9	6.9	6.9	6.9
75°	5.7	5.7	5.5	5.7	5.7
77.5°	4.3	4.3	4.3	4.3	4.3
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)