

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: P1314177

Luminaire Tested: LDSQA3D02R359730DE010 3LSQPHRL1MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1314177  
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: LDSQA3D02R359730DE010 3LSQPHRL1MB  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , 3LSQPHRL1MB TRIM  
Light Source: -  
Ballast/Driver: -

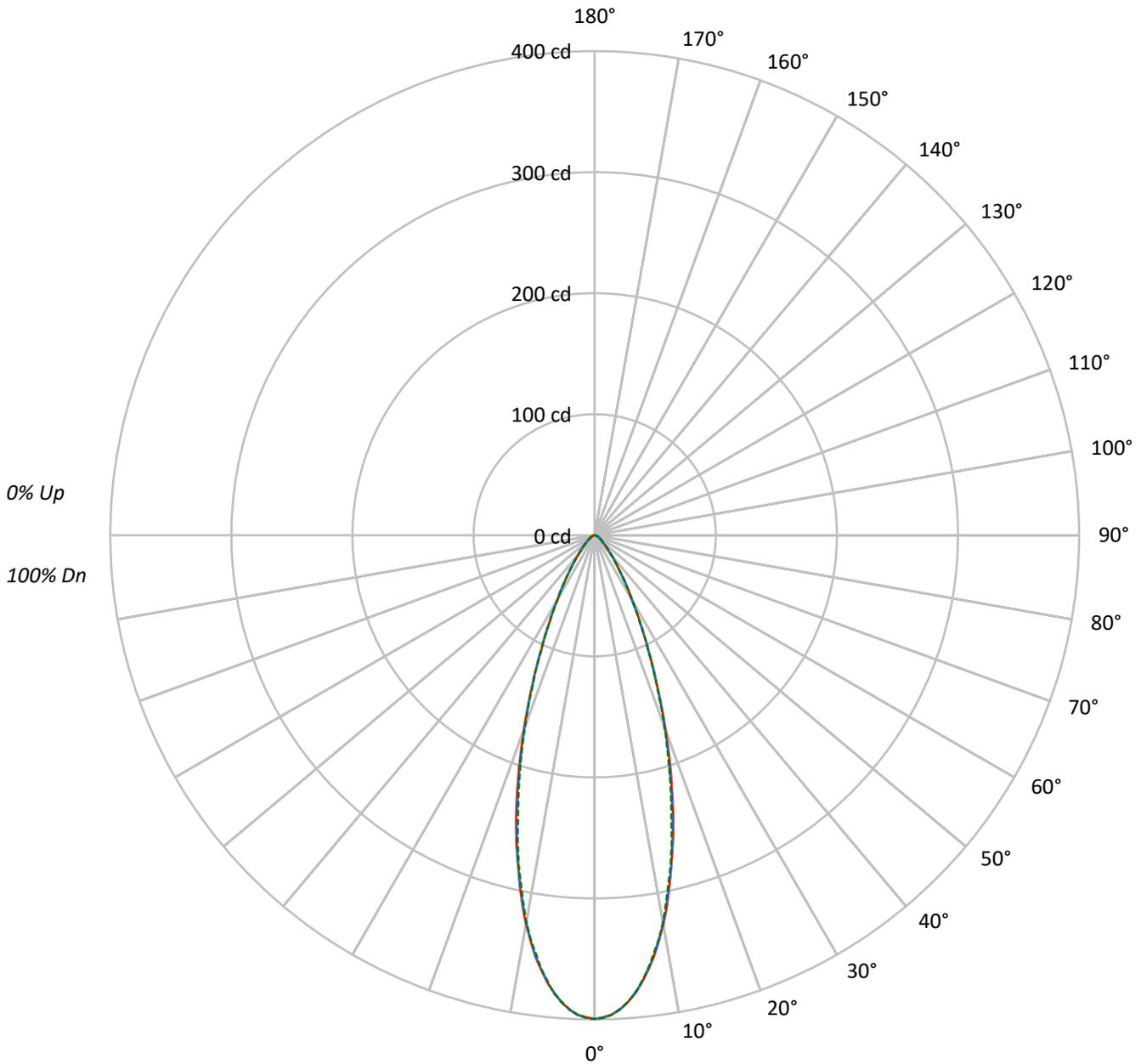
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 197.0 lumens  
Efficiency: N/A  
Efficacy: 54.7 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): 3.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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: P1314177  
CATALOG NUMBER: LDSQA3D02R359730DE010 3LSQPHRL1MB

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°



TEST NUMBER: P1314177

CATALOG NUMBER: LDSQA3D02R359730DE010 3LSQPHRL1MB

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	83	83	83	82
4	98	91	86	82	97	90	85	81	88	84	80	86	82	79	84	81	78	78	78	78	77
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	74	74	74	73
6	90	81	76	72	88	81	75	71	79	74	71	78	74	70	76	73	70	70	70	70	69
7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	66	66	66	65
8	82	73	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	63	63	63	62
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	60	60	60	59
10	76	67	62	58	75	67	61	58	66	61	58	65	61	58	64	60	57	57	57	57	56

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	68803	68803	68803
5°	65729	65625	65729
10°	57063	56871	56801
15°	44717	44361	43665
20°	31285	31010	30809
25°	19877	19991	19877
30°	12250	12330	12250
35°	7569	7611	7611
40°	4811	4856	4856
45°	3239	3288	3361
50°	2331	2385	2385
55°	1832	1832	1832
60°	1516	1516	1516
65°	1345	1345	1345
70°	1209	1209	1209
75°	998	998	998
80°	893	893	893
85°	395	395	790

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 67.5°  
 Vertical Angle: 45°  
 Luminance: 3361 cd/sqm



TEST NUMBER: P1314177

CATALOG NUMBER: LDSQA3D02R359730DE010 3LSQPHRL1MB

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	34.5	17.5
10°-20°	68.0	34.5
20°-30°	49.0	24.9
30°-40°	23.6	12.0
40°-50°	10.9	5.5
50°-60°	5.6	2.9
60°-70°	3.3	1.7
70°-80°	1.7	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°	151.5	76.9
0°-40°	175.2	88.9
0°-60°	191.7	97.3
0°-90°	197.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	197.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	400	400	400	400	400	
5°	380	381	380	380	380	35
15°	251	250	249	248	245	68
25°	105	105	105	105	105	49
35°	36	36	36	36	36	24
45°	13	14	14	14	14	11
55°	6	6	6	6	6	6
65°	3	3	3	3	3	3
75°	2	2	2	2	2	2
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



TEST NUMBER: P1314177

CATALOG NUMBER: LDSQA3D02R359730DE010 3LSQPHRL1MB

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	399.5	399.5	399.5	399.5	399.5
1°	398.4	399.0	398.8	399.0	398.8
2°	396.4	396.8	396.4	396.6	396.6
3°	392.3	392.7	392.7	392.5	392.3
4°	387.2	388.3	387.2	387.4	386.8
5°	380.2	381.1	379.6	379.8	380.2
6°	371.7	372.0	371.5	371.3	370.9
7°	361.9	362.8	361.3	361.5	361.0
8°	351.4	351.2	351.2	350.3	349.0
9°	338.8	339.6	338.3	337.9	338.1
10°	326.3	326.3	325.2	324.1	324.8
11°	312.1	311.7	311.1	309.5	309.1
12°	296.6	297.5	295.6	294.9	293.4
13°	280.7	282.0	281.1	278.7	279.0
14°	265.9	265.0	264.3	263.9	262.4
15°	250.8	250.4	248.8	247.7	244.9
17.5°	209.6	210.0	207.1	206.7	205.6
20°	170.7	169.4	169.2	169.4	168.1
22.5°	134.7	136.0	134.5	134.7	133.8
25°	104.6	104.8	105.2	105.2	104.6
27.5°	81.2	81.2	80.8	81.2	80.5
30°	61.6	61.6	62.0	62.4	61.6
32.5°	47.6	47.6	47.6	47.8	48.0
35°	36.0	36.0	36.2	36.2	36.2
37.5°	27.7	27.9	28.2	28.2	28.2
40°	21.4	21.6	21.6	21.8	21.6
42.5°	17.0	17.0	17.0	17.2	17.2
45°	13.3	13.5	13.5	13.8	13.8
47.5°	10.9	10.9	10.9	11.1	11.1
50°	8.7	8.9	8.9	8.9	8.9
52.5°	7.2	7.2	7.4	7.4	7.4
55°	6.1	6.1	6.1	6.1	6.1
57.5°	5.0	5.2	5.2	5.2	5.2
60°	4.4	4.4	4.4	4.4	4.4
62.5°	3.7	3.7	3.7	3.7	3.7
65°	3.3	3.3	3.3	3.3	3.3
67.5°	2.6	2.8	2.8	2.8	2.8
70°	2.4	2.4	2.4	2.4	2.4
72.5°	1.7	2.0	2.0	2.0	2.0
75°	1.5	1.5	1.5	1.5	1.5
77.5°	1.3	1.1	1.1	1.1	1.3
80°	0.9	0.9	0.9	0.9	0.9
82.5°	0.7	0.7	0.7	0.7	0.7
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: P1314177  
CATALOG NUMBER: LDSQA3D02R359730DE010 3LSQPHRL1MB

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)