

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: P1312104

Luminaire Tested: LDSQA3D02R359050DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1312104  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R359050DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

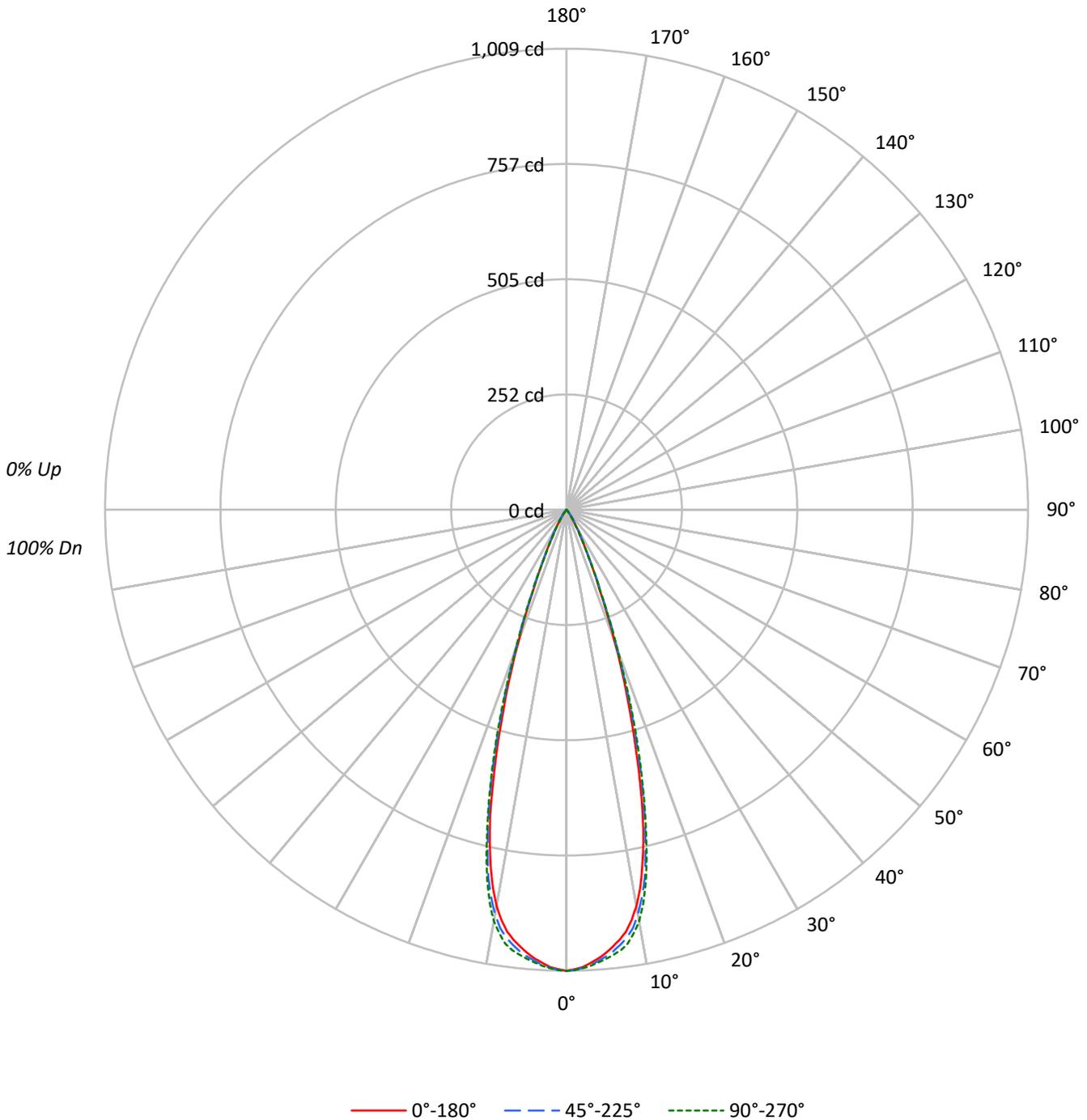
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 336.0 lumens  
Efficiency: N/A  
Efficacy: 93.3 lumens/watt  
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52  
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 (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	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	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	98	96	96	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	94	93	93	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	91	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	87	86	86	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	84	83	83	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	82	80	80	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	79	78	78	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	76	75	75	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	74	73	73	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	72	71	71	71

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

	0°	45°	90°
0°	173807	173807	173807
5°	168524	169717	170650
10°	153999	157252	159962
15°	110741	115591	116536
20°	56376	59216	59363
25°	21397	21853	21245
30°	8313	9625	8094
35°	2859	4478	2691
40°	967	1731	899
45°	73	585	73
50°	0	80	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 585 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	91.3	27.2
10°-20°	170.2	50.7
20°-30°	61.2	18.2
30°-40°	11.9	3.6
40°-50°	1.3	0.4
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	322.7	96.0
0°-40°	334.7	99.6
0°-60°	336.0	100.0
0°-90°	336.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	336.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1009	1009	1009	1009	1009	
5°	975	978	982	986	987	90
15°	621	632	648	653	654	165
25°	113	114	115	114	112	59
35°	14	15	21	16	13	10
45°	0	1	2	1	0	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1009.2	1009.2	1009.2	1009.2	1009.2
1°	1006.2	1007.6	1007.8	1009.7	1007.6
2°	1002.0	1002.8	1003.8	1005.4	1004.4
3°	993.7	995.3	997.7	999.8	999.8
4°	984.9	987.1	990.0	993.7	993.5
5°	974.8	977.5	981.7	986.3	987.1
6°	962.0	965.2	972.2	978.5	979.6
7°	948.5	953.3	959.9	969.2	971.6
8°	932.5	936.2	945.8	956.7	959.4
9°	909.1	914.7	926.9	937.0	938.6
10°	880.6	884.6	899.2	909.9	914.7
11°	843.9	849.7	864.1	875.0	878.2
12°	797.0	805.6	822.3	830.3	833.0
13°	746.5	753.7	766.7	776.6	778.7
14°	689.5	696.5	710.0	718.0	716.1
15°	621.1	631.5	648.3	652.8	653.6
17.5°	458.8	465.5	480.4	487.5	492.6
20°	307.6	314.0	323.1	327.9	323.9
22.5°	187.1	192.4	197.2	196.9	195.6
25°	112.6	113.6	115.0	114.2	111.8
27.5°	65.7	68.7	72.7	70.0	66.0
30°	41.8	44.2	48.4	43.9	40.7
32.5°	22.1	27.9	32.5	26.3	23.2
35°	13.6	15.4	21.3	15.7	12.8
37.5°	8.2	9.6	13.3	9.3	7.5
40°	4.3	6.1	7.7	5.6	4.0
42.5°	1.3	2.9	4.3	2.7	1.3
45°	0.3	0.8	2.4	0.8	0.3
47.5°	0.0	0.0	1.1	0.3	0.0
50°	0.0	0.0	0.3	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)