

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: P1308777

Luminaire Tested: LDSQA3D02R359030DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1308777  
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: LDSQA3D02R359030DE010 3LSQPHRLD1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

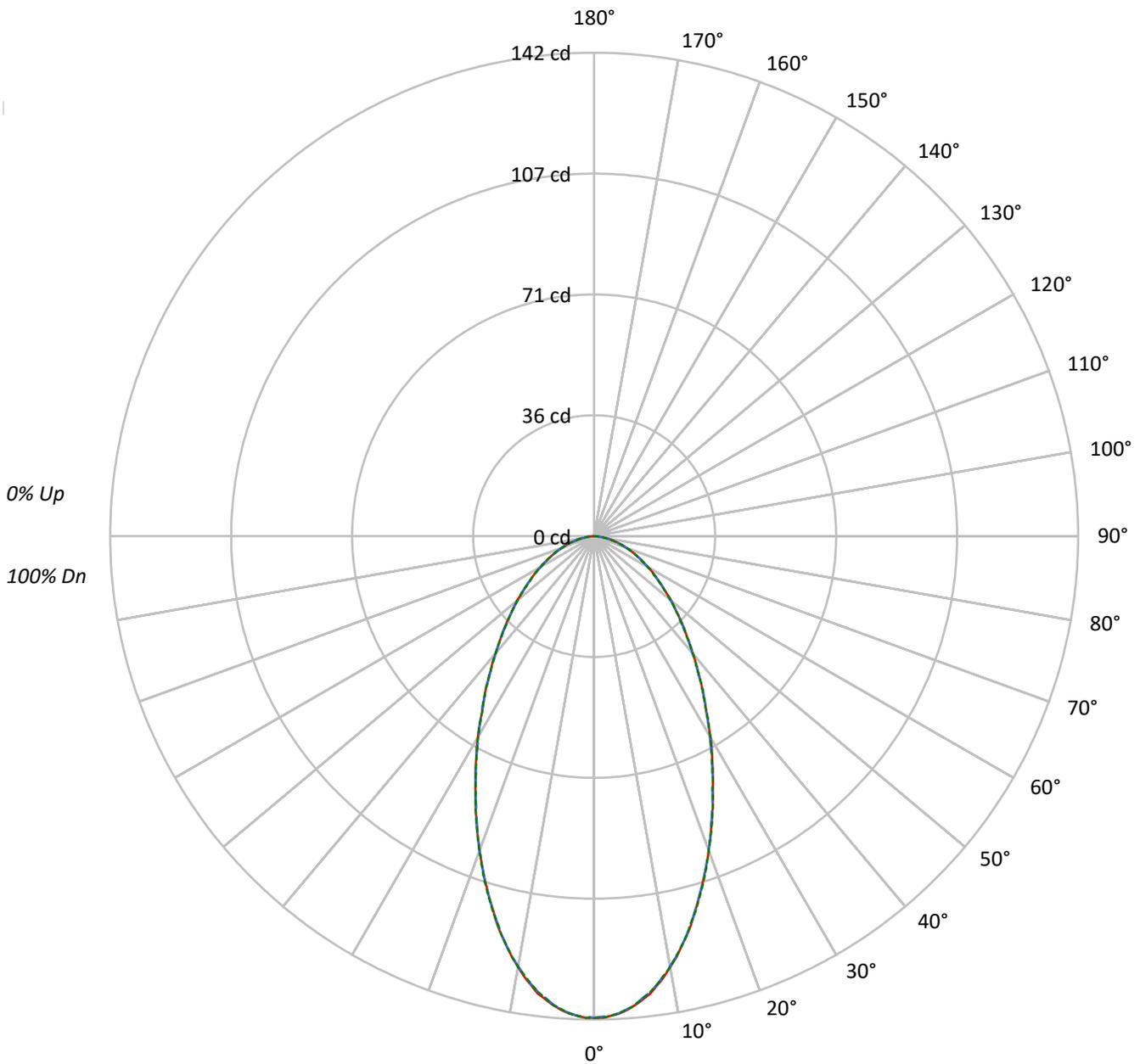
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 189.0 lumens  
Efficiency: N/A  
Efficacy: 52.5 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): 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



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



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**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	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	45	40	36	35

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

	0°	45°	90°
0°	24370	24370	24370
5°	23909	23875	23909
10°	22472	22437	22472
15°	20362	20362	20397
20°	18016	18016	18016
25°	15658	15620	15620
30°	13583	13483	13543
35°	11690	11648	11690
40°	10139	10094	10139
45°	8914	8841	8841
50°	7904	7850	7850
55°	6966	6966	6966
60°	6303	6234	6303
65°	5664	5664	5664
70°	5035	5035	5035
75°	4525	4392	4525
80°	3868	3868	3868
85°	2371	2371	2371

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8914 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	12.9	6.8
10°-20°	31.8	16.8
20°-30°	37.8	20.0
30°-40°	34.8	18.4
40°-50°	28.2	14.9
50°-60°	20.9	11.1
60°-70°	13.8	7.3
70°-80°	7.1	3.8
80°-90°	1.6	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>82.6</b>	<b>43.7</b>
<b>0°-40°</b>	<b>117.3</b>	<b>62.1</b>
<b>0°-60°</b>	<b>166.5</b>	<b>88.1</b>
<b>0°-90°</b>	<b>189.0</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>189.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	142	142	142	142	142	
5°	138	138	138	138	138	13
15°	114	114	114	114	114	32
25°	82	82	82	82	82	38
35°	56	55	55	56	56	35
45°	37	36	36	36	36	28
55°	23	23	23	23	23	21
65°	14	14	14	14	14	14
75°	7	7	7	7	7	7
85°	1	1	1	1	1	2
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	141.5	141.5	141.5	141.5	141.5
1°	141.5	141.2	141.2	141.2	141.5
2°	141.0	141.0	141.0	141.0	141.0
3°	140.5	140.3	140.3	140.3	140.3
4°	139.5	139.3	139.3	139.3	139.3
5°	138.3	138.1	138.1	138.1	138.3
6°	136.8	136.6	136.4	136.4	136.6
7°	135.4	134.9	134.9	134.9	134.9
8°	133.2	132.9	132.9	132.9	132.9
9°	131.0	130.5	130.7	130.7	130.7
10°	128.5	128.3	128.3	128.3	128.5
11°	126.1	125.9	125.9	125.6	125.9
12°	123.2	123.2	123.2	123.2	123.2
13°	120.5	120.3	120.3	120.3	120.5
14°	117.6	117.3	117.3	117.3	117.3
15°	114.2	114.2	114.2	114.2	114.4
17.5°	106.3	106.1	106.3	106.3	106.6
20°	98.3	98.1	98.3	98.3	98.3
22.5°	90.3	90.3	90.0	90.3	90.5
25°	82.4	82.2	82.2	82.4	82.2
27.5°	75.1	74.9	74.9	74.9	74.9
30°	68.3	67.8	67.8	68.1	68.1
32.5°	61.2	61.2	61.5	61.2	61.2
35°	55.6	55.4	55.4	55.6	55.6
37.5°	50.0	49.8	49.8	50.0	50.0
40°	45.1	45.1	44.9	45.1	45.1
42.5°	40.5	40.5	40.5	40.5	40.5
45°	36.6	36.3	36.3	36.3	36.3
47.5°	32.7	32.7	32.7	32.4	32.7
50°	29.5	29.3	29.3	29.3	29.3
52.5°	26.1	26.1	26.1	26.1	26.1
55°	23.2	23.2	23.2	23.2	23.2
57.5°	20.7	20.5	20.5	20.5	20.5
60°	18.3	18.3	18.1	18.3	18.3
62.5°	15.9	15.9	15.9	15.9	15.9
65°	13.9	13.9	13.9	13.9	13.9
67.5°	12.0	12.0	12.0	12.0	12.0
70°	10.0	10.0	10.0	10.0	10.0
72.5°	8.5	8.3	8.3	8.3	8.3
75°	6.8	6.8	6.6	6.8	6.8
77.5°	5.1	5.1	5.1	5.1	5.1
80°	3.9	3.9	3.9	3.7	3.9
82.5°	2.4	2.4	2.4	2.4	2.4
85°	1.2	1.2	1.2	1.2	1.2
87.5°	0.2	0.2	0.2	0.5	0.5



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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)