

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: P1309719

Luminaire Tested: LDSQA3D24R359030D010 3LSQPHRLD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1309719  
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: LDSQA3D24R359030D010 3LSQPHRLD1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

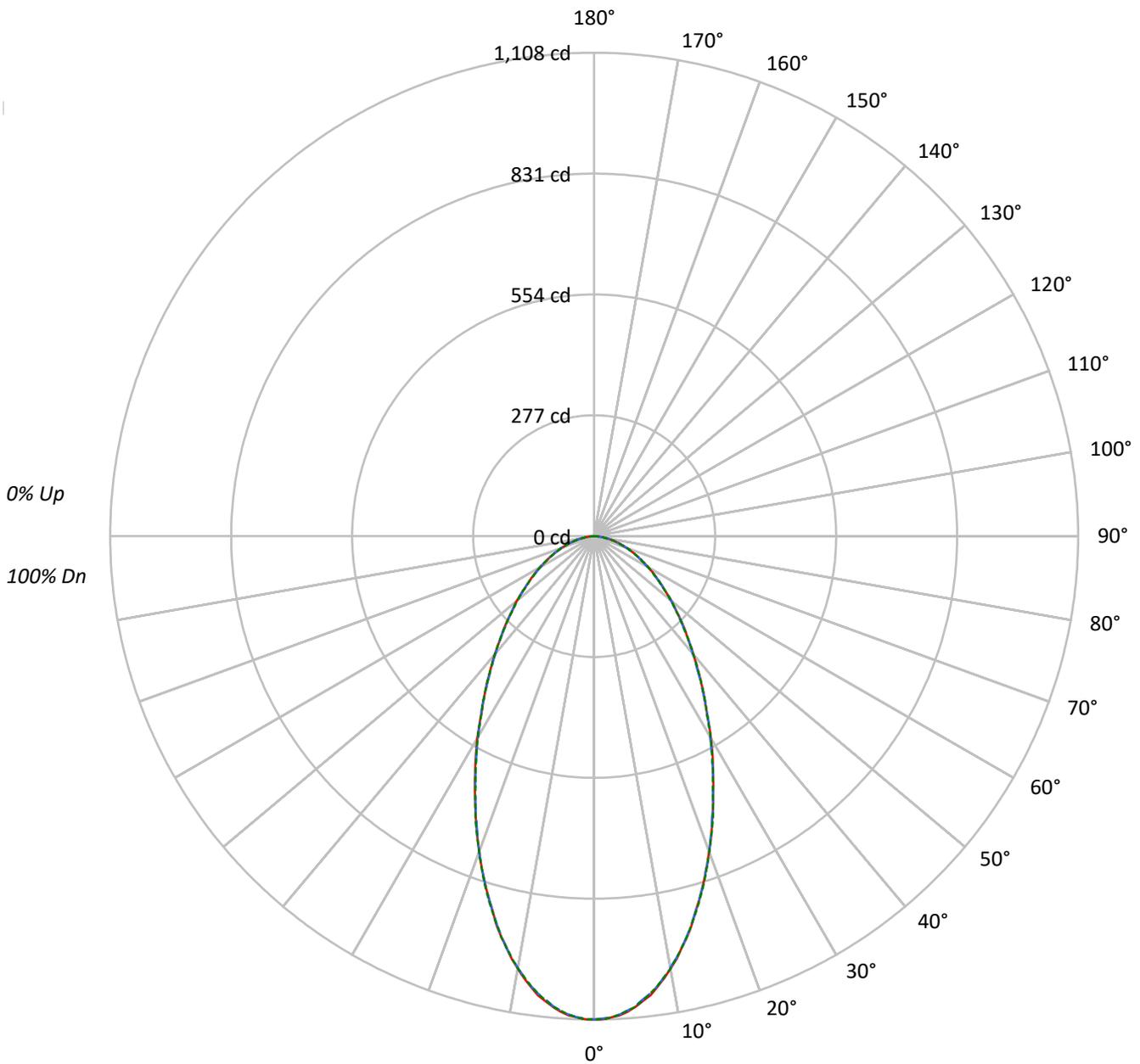
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1480.1 lumens  
Efficiency: N/A  
Efficacy: 51.4 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): 28.8  
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				
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°	190788	190788	190788
5°	187230	186901	187230
10°	176034	175701	176034
15°	159381	159381	159719
20°	141085	141085	141085
25°	122681	122320	122320
30°	106353	105598	105975
35°	91562	91162	91562
40°	79452	79024	79452
45°	69780	69317	69317
50°	61919	61410	61410
55°	54497	54497	54497
60°	49359	48670	49359
65°	44378	44378	44378
70°	39428	39428	39428
75°	35600	34336	35600
80°	30349	30349	30349
85°	18970	18970	18970

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 69780 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	100.8	6.8
10°-20°	249.4	16.8
20°-30°	296.3	20.0
30°-40°	272.3	18.4
40°-50°	221.1	14.9
50°-60°	163.6	11.1
60°-70°	108.1	7.3
70°-80°	56.0	3.8
80°-90°	12.6	0.9
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°	646.4	43.7
0°-40°	918.7	62.1
0°-60°	1303.3	88.1
0°-90°	1480.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1480.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1108	1108	1108	1108	1108	
5°	1083	1081	1081	1081	1083	101
15°	894	894	894	894	896	250
25°	646	644	644	646	644	297
35°	436	434	434	436	436	273
45°	286	285	285	285	285	222
55°	182	182	182	182	182	164
65°	109	109	109	109	109	108
75°	54	54	52	54	54	57
85°	10	10	10	10	10	12
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1107.8	1107.8	1107.8	1107.8	1107.8
1°	1107.8	1105.9	1105.9	1105.9	1107.8
2°	1104.0	1104.0	1104.0	1104.0	1104.0
3°	1100.2	1098.3	1098.3	1098.3	1098.3
4°	1092.6	1090.6	1090.6	1090.6	1090.6
5°	1083.0	1081.1	1081.1	1081.1	1083.0
6°	1071.5	1069.6	1067.7	1067.7	1069.6
7°	1060.1	1056.3	1056.3	1056.3	1056.3
8°	1042.9	1041.0	1041.0	1041.0	1041.0
9°	1025.7	1021.9	1023.8	1023.8	1023.8
10°	1006.6	1004.7	1004.7	1004.7	1006.6
11°	987.5	985.6	985.6	983.7	985.6
12°	964.6	964.6	964.6	964.6	964.6
13°	943.6	941.7	941.7	941.7	943.6
14°	920.7	918.7	918.7	918.7	918.7
15°	893.9	893.9	893.9	893.9	895.8
17.5°	832.8	830.9	832.8	832.8	834.7
20°	769.8	767.8	769.8	769.8	769.8
22.5°	706.7	706.7	704.8	706.7	708.6
25°	645.6	643.7	643.7	645.6	643.7
27.5°	588.3	586.4	586.4	586.4	586.4
30°	534.8	531.0	531.0	532.9	532.9
32.5°	479.4	479.4	481.3	479.4	479.4
35°	435.5	433.6	433.6	435.5	435.5
37.5°	391.6	389.7	389.7	391.6	391.6
40°	353.4	353.4	351.5	353.4	353.4
42.5°	317.1	317.1	317.1	317.1	317.1
45°	286.5	284.6	284.6	284.6	284.6
47.5°	255.9	255.9	255.9	254.0	255.9
50°	231.1	229.2	229.2	229.2	229.2
52.5°	204.4	204.4	204.4	204.4	204.4
55°	181.5	181.5	181.5	181.5	181.5
57.5°	162.4	160.4	160.4	160.4	160.4
60°	143.3	143.3	141.3	143.3	143.3
62.5°	124.2	124.2	124.2	124.2	124.2
65°	108.9	108.9	108.9	108.9	108.9
67.5°	93.6	93.6	93.6	93.6	93.6
70°	78.3	78.3	78.3	78.3	78.3
72.5°	66.9	64.9	64.9	64.9	64.9
75°	53.5	53.5	51.6	53.5	53.5
77.5°	40.1	40.1	40.1	40.1	40.1
80°	30.6	30.6	30.6	28.7	30.6
82.5°	19.1	19.1	19.1	19.1	19.1
85°	9.6	9.6	9.6	9.6	9.6
87.5°	1.9	1.9	1.9	3.8	3.8



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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)