

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: P1314140

Luminaire Tested: LDSQA3D02R259730DE010 3LSQPHR1MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1314140  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R259730DE010 3LSQPHR1MB  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , 3LSQPHR1MB TRIM  
Light Source: -  
Ballast/Driver: -

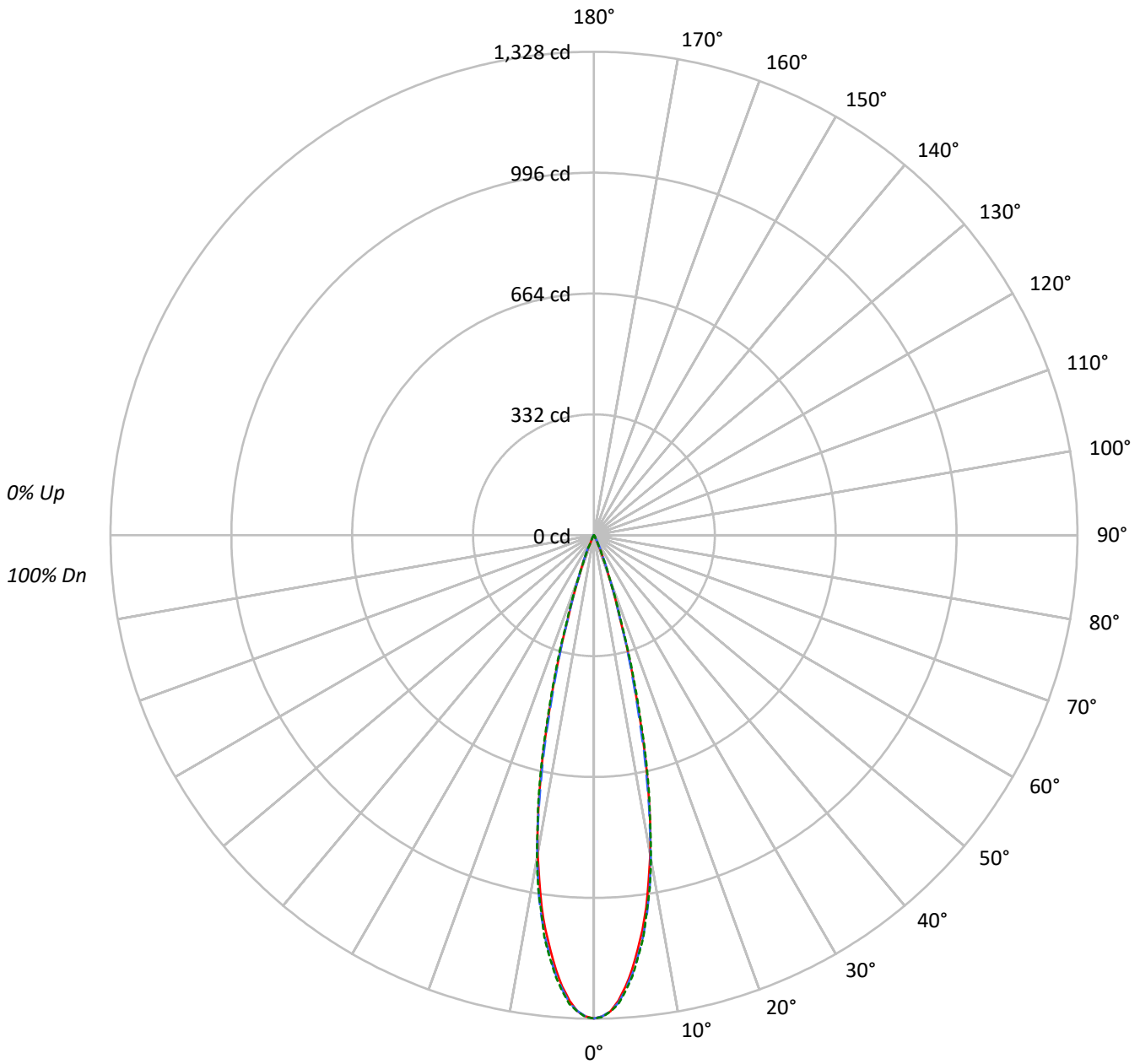
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 245.0 lumens  
Efficiency: N/A  
Efficacy: 68.1 lumens/watt  
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4  
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				
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	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	99	99	99	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	96	96	96	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	94	94	94	93
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	92	92	92	91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	89	89	89	88
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	87	87	87	86
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	86	86	86	85
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	86	84	84	84	84	83
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	82	82	82	81
10	93	87	83	81	92	86	83	81	86	83	81	85	82	80	85	82	80	80	80	80	80

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

	0°	45°	90°
0°	228626	228626	228626
5°	207180	209082	210102
10°	155748	156867	157584
15°	77114	74814	79806
20°	21773	22140	22378
25°	3782	7145	4485
30°	1472	1511	1571
35°	463	505	505
40°	157	202	157
45°	97	49	97
50°	54	0	54
55°	60	0	60
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: 0°  
 Vertical Angle: 45°  
 Luminance: 97 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	105.5	43.0
10°-20°	118.9	48.5
20°-30°	18.4	7.5
30°-40°	1.9	0.8
40°-50°	0.2	0.1
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°	242.8	99.1
0°-40°	244.7	99.9
0°-60°	245.0	100.0
0°-90°	245.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	245.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1328	1328	1328	1328	1328	
5°	1198	1201	1209	1214	1215	104
15°	432	430	420	438	448	118
25°	20	30	38	29	24	17
35°	2	2	2	3	2	2
45°	0	0	0	0	0	0
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°	1327.5	1327.5	1327.5	1327.5	1327.5
1°	1322.1	1323.8	1321.9	1324.0	1323.8
2°	1308.3	1310.1	1307.7	1309.0	1309.0
3°	1280.1	1283.8	1286.0	1287.6	1288.9
4°	1243.0	1247.1	1250.4	1254.4	1254.4
5°	1198.4	1200.6	1209.4	1214.2	1215.3
6°	1145.3	1154.1	1160.6	1170.3	1164.4
7°	1092.3	1099.5	1108.6	1110.2	1114.3
8°	1032.0	1039.6	1048.1	1046.6	1043.1
9°	958.6	969.7	979.8	976.5	980.9
10°	890.6	897.4	897.0	893.7	901.1
11°	811.8	813.3	804.8	818.1	810.0
12°	718.3	719.6	708.7	721.8	730.1
13°	628.7	625.6	610.6	627.8	638.3
14°	525.6	526.7	507.5	540.9	538.3
15°	432.5	429.5	419.6	438.4	447.6
17.5°	230.5	232.4	230.0	239.4	245.3
20°	118.8	122.1	120.8	124.7	122.1
22.5°	61.6	66.2	67.5	64.4	56.1
25°	19.9	29.5	37.6	28.6	23.6
27.5°	12.0	11.8	18.4	12.7	12.9
30°	7.4	7.2	7.6	7.6	7.9
32.5°	4.2	4.4	4.2	4.6	4.4
35°	2.2	2.4	2.4	2.6	2.4
37.5°	1.3	1.5	1.5	1.5	1.3
40°	0.7	0.9	0.9	0.7	0.7
42.5°	0.4	0.4	0.4	0.4	0.4
45°	0.4	0.2	0.2	0.2	0.4
47.5°	0.2	0.2	0.0	0.2	0.2
50°	0.2	0.2	0.0	0.2	0.2
52.5°	0.2	0.0	0.0	0.0	0.2
55°	0.2	0.0	0.0	0.0	0.2
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)