

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: P1310265

Luminaire Tested: LDSQA3D09R609035DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1310265  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R609035DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

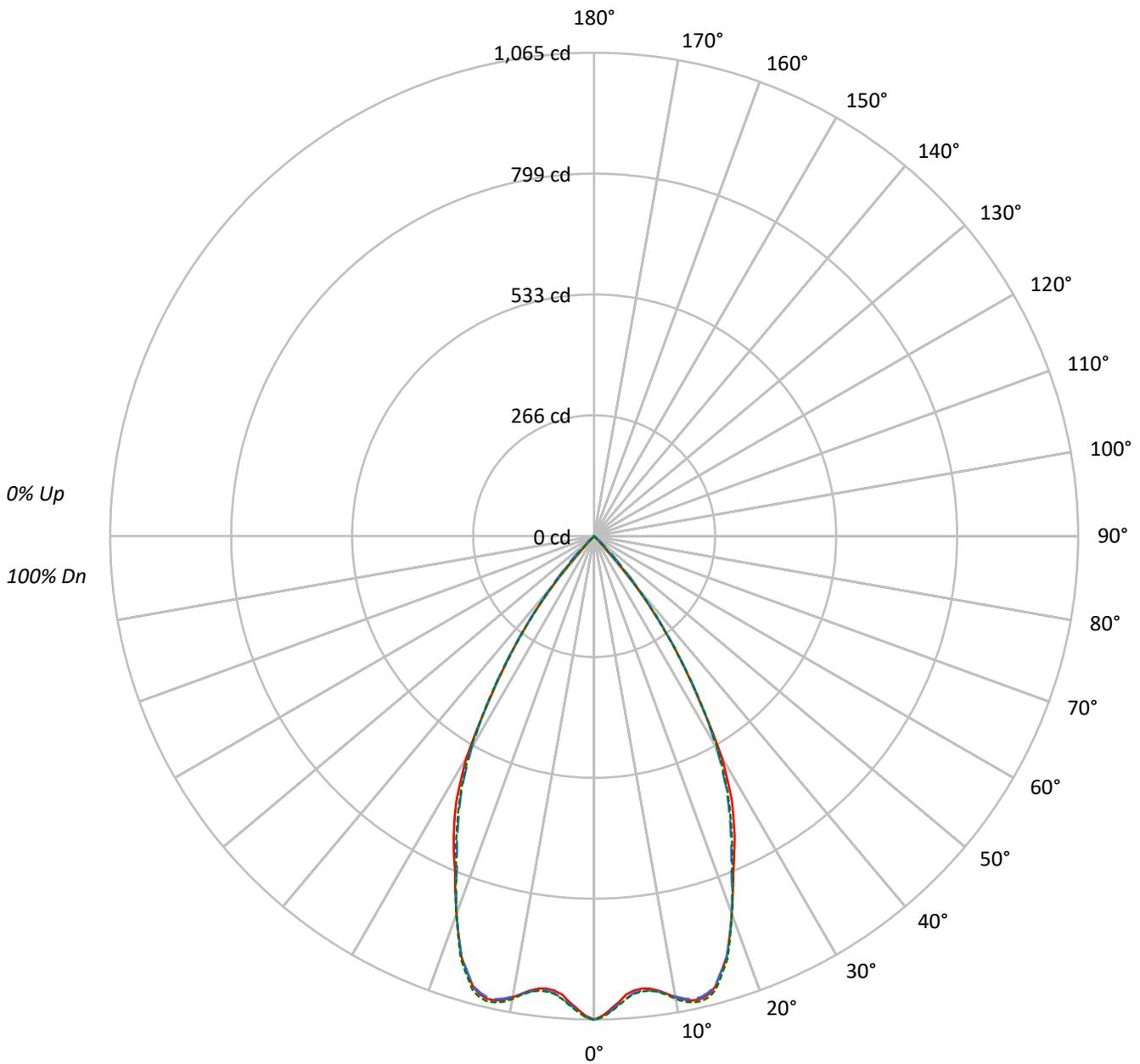
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 944.0 lumens  
Efficiency: N/A  
Efficacy: 85.0 lumens/watt  
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 11.1  
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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	61	57	54	53

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

	0°	45°	90°
0°	183452	183452	183452
5°	173745	174661	174920
10°	180371	180108	181158
15°	183344	183076	184431
20°	162254	162254	162529
25°	139043	134900	136040
30°	111226	107189	108839
35°	69002	70432	68855
40°	30306	33341	31138
45°	365	10814	926
50°	0	1206	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: 10814 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	97.3	10.3
10°-20°	282.0	29.9
20°-30°	327.4	34.7
30°-40°	206.2	21.8
40°-50°	31.0	3.3
50°-60°	0.2	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
<b>0°-30°</b>	<b>706.7</b>	<b>74.9</b>
<b>0°-40°</b>	<b>912.9</b>	<b>96.7</b>
<b>0°-60°</b>	<b>944.0</b>	<b>100.0</b>
<b>0°-90°</b>	<b>944.0</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>944.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1065	1065	1065	1065	1065	
5°	1005	1009	1010	1012	1012	97
15°	1028	1025	1027	1034	1034	282
25°	732	724	710	713	716	333
35°	328	329	335	328	328	205
45°	2	14	44	19	4	20
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°	1065.2	1065.2	1065.2	1065.2	1065.2
1°	1057.0	1060.0	1060.0	1060.7	1060.0
2°	1042.6	1047.2	1047.2	1049.4	1047.9
3°	1028.3	1032.1	1032.9	1035.9	1035.1
4°	1012.5	1018.6	1020.8	1022.3	1021.6
5°	1005.0	1008.8	1010.3	1012.5	1011.8
6°	1002.0	1005.0	1006.5	1008.8	1008.8
7°	1004.3	1006.5	1008.8	1010.3	1008.8
8°	1011.0	1013.3	1013.3	1016.3	1014.0
9°	1020.8	1021.6	1021.6	1025.3	1023.1
10°	1031.4	1029.9	1029.9	1035.1	1035.9
11°	1040.4	1038.9	1038.1	1043.4	1044.9
12°	1045.7	1042.6	1042.6	1049.4	1050.2
13°	1046.4	1042.6	1042.6	1049.4	1051.7
14°	1040.4	1035.9	1036.6	1044.2	1046.4
15°	1028.3	1024.6	1026.8	1033.6	1034.4
17.5°	971.1	968.9	970.4	974.9	975.6
20°	885.3	883.8	885.3	885.3	886.8
22.5°	800.2	796.5	789.0	793.5	794.2
25°	731.7	723.5	709.9	712.9	715.9
27.5°	656.5	645.9	631.6	635.4	636.1
30°	559.3	554.1	539.0	542.8	547.3
32.5°	432.1	446.4	437.4	436.6	437.4
35°	328.2	329.0	335.0	328.2	327.5
37.5°	229.6	230.4	234.9	227.4	228.1
40°	134.8	144.5	148.3	145.3	138.5
42.5°	42.2	74.5	84.3	73.0	46.7
45°	1.5	14.3	44.4	18.8	3.8
47.5°	0.0	0.8	21.1	1.5	0.0
50°	0.0	0.0	4.5	0.0	0.0
52.5°	0.0	0.0	0.8	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)