

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: P1323724

Luminaire Tested: LDSQA3D09R209030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323724
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R209030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

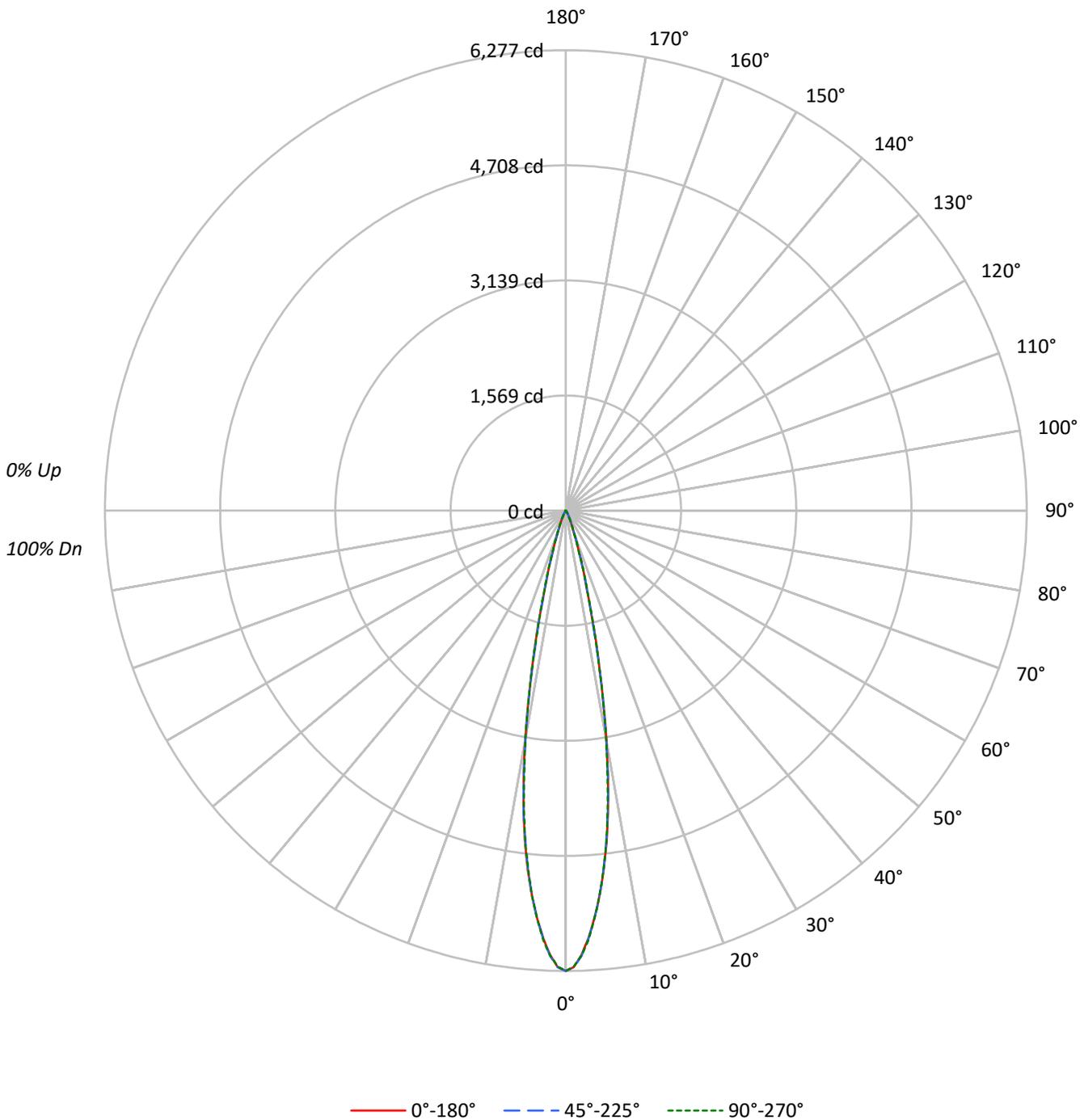
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 865.0 lumens
Efficiency: N/A
Efficacy: 58.8 lumens/watt
Spacing Criteria (0/90/45): 0.34 / 0.34 / 0.33
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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	102	102	102	100
1	116	114	112	110	113	111	110	109	108	106	105	104	103	102	101	100	99	99	98	97	98
2	112	109	106	104	110	107	105	103	104	102	101	102	100	99	99	98	97	97	96	94	95
3	109	105	102	100	108	104	101	99	102	99	97	99	97	96	97	96	94	97	96	94	93
4	107	102	98	96	105	101	98	95	99	96	94	97	95	93	96	94	92	96	94	92	91
5	104	99	95	93	103	98	95	92	97	94	92	95	93	91	94	92	90	94	92	90	89
6	102	96	93	90	101	96	92	90	94	92	89	93	91	89	92	90	88	92	90	88	87
7	100	94	90	88	99	94	90	88	92	90	87	91	89	87	91	88	87	91	88	87	86
8	97	92	88	86	97	91	88	86	91	88	86	90	87	85	89	87	85	89	87	85	84
9	96	90	87	84	95	90	86	84	89	86	84	88	86	84	87	85	83	87	85	83	83
10	94	88	85	83	93	88	85	82	87	84	82	87	84	82	86	84	82	86	84	82	81

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1081024	1081024	1081024
5°	911149	911495	911028
10°	555225	552654	553948
15°	195575	196413	202493
20°	61452	63175	61819
25°	23012	25179	23658
30°	8909	12648	9307
35°	3385	5635	3658
40°	1799	2406	1799
45°	658	1145	804
50°	348	536	348
55°	390	390	390
60°	241	241	241
65°	285	285	285
70°	352	352	352
75°	0	0	466
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1145 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	435.7	50.4
10°-20°	341.7	39.5
20°-30°	67.1	7.8
30°-40°	15.1	1.7
40°-50°	3.4	0.4
50°-60°	1.1	0.1
60°-70°	0.7	0.1
70°-80°	0.3	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°	844.5	97.6
0°-40°	859.5	99.4
0°-60°	864.0	99.9
0°-90°	865.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	865.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6277	6277	6277	6277	6277	
5°	5270	5275	5272	5290	5270	437
15°	1097	1102	1102	1126	1136	341
25°	121	129	132	130	124	64
35°	16	19	27	19	17	12
45°	3	4	5	4	3	3
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
75°	0	0	0	0	1	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	6276.9	6276.9	6276.9	6276.9	6276.9
1°	6226.1	6212.7	6228.1	6216.0	6218.7
2°	6064.8	6057.4	6077.5	6064.8	6071.5
3°	5840.6	5831.2	5845.9	5846.6	5865.4
4°	5572.9	5554.8	5576.9	5577.6	5580.9
5°	5270.4	5275.1	5272.4	5290.5	5269.7
6°	4930.4	4945.8	4925.7	4935.8	4907.0
7°	4550.3	4530.9	4520.8	4524.2	4544.2
8°	4130.6	4117.3	4132.0	4111.2	4097.2
9°	3664.2	3640.7	3656.8	3636.7	3616.7
10°	3174.9	3164.2	3160.2	3137.5	3167.6
11°	2684.4	2652.3	2668.3	2656.9	2689.7
12°	2225.3	2228.0	2196.5	2206.5	2210.6
13°	1811.0	1768.2	1773.5	1801.0	1805.7
14°	1404.8	1410.8	1412.8	1432.2	1443.6
15°	1096.9	1101.6	1101.6	1125.7	1135.7
17.5°	588.3	588.3	601.0	603.7	605.0
20°	335.3	337.3	344.7	344.0	337.3
22.5°	200.8	204.8	208.8	204.8	200.8
25°	121.1	129.2	132.5	130.5	124.5
27.5°	72.3	81.0	90.3	83.0	71.6
30°	44.8	49.5	63.6	50.9	46.8
32.5°	24.8	32.1	43.5	33.5	25.4
35°	16.1	19.4	26.8	19.4	17.4
37.5°	11.4	13.4	16.7	14.1	12.0
40°	8.0	9.4	10.7	10.0	8.0
42.5°	5.4	6.7	7.4	6.7	5.4
45°	2.7	4.0	4.7	4.0	3.3
47.5°	1.3	2.0	3.3	2.0	1.3
50°	1.3	1.3	2.0	1.3	1.3
52.5°	1.3	1.3	1.3	1.3	1.3
55°	1.3	1.3	1.3	1.3	1.3
57.5°	1.3	1.3	0.7	1.3	0.7
60°	0.7	0.7	0.7	0.7	0.7
62.5°	0.7	0.7	0.7	0.7	0.7
65°	0.7	0.7	0.7	0.7	0.7
67.5°	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7
75°	0.0	0.0	0.0	0.0	0.7
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)