

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: P1323757

Luminaire Tested: LDSQA3D09R309030D2WDE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323757
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R309030D2WDE010 3LSQCDR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

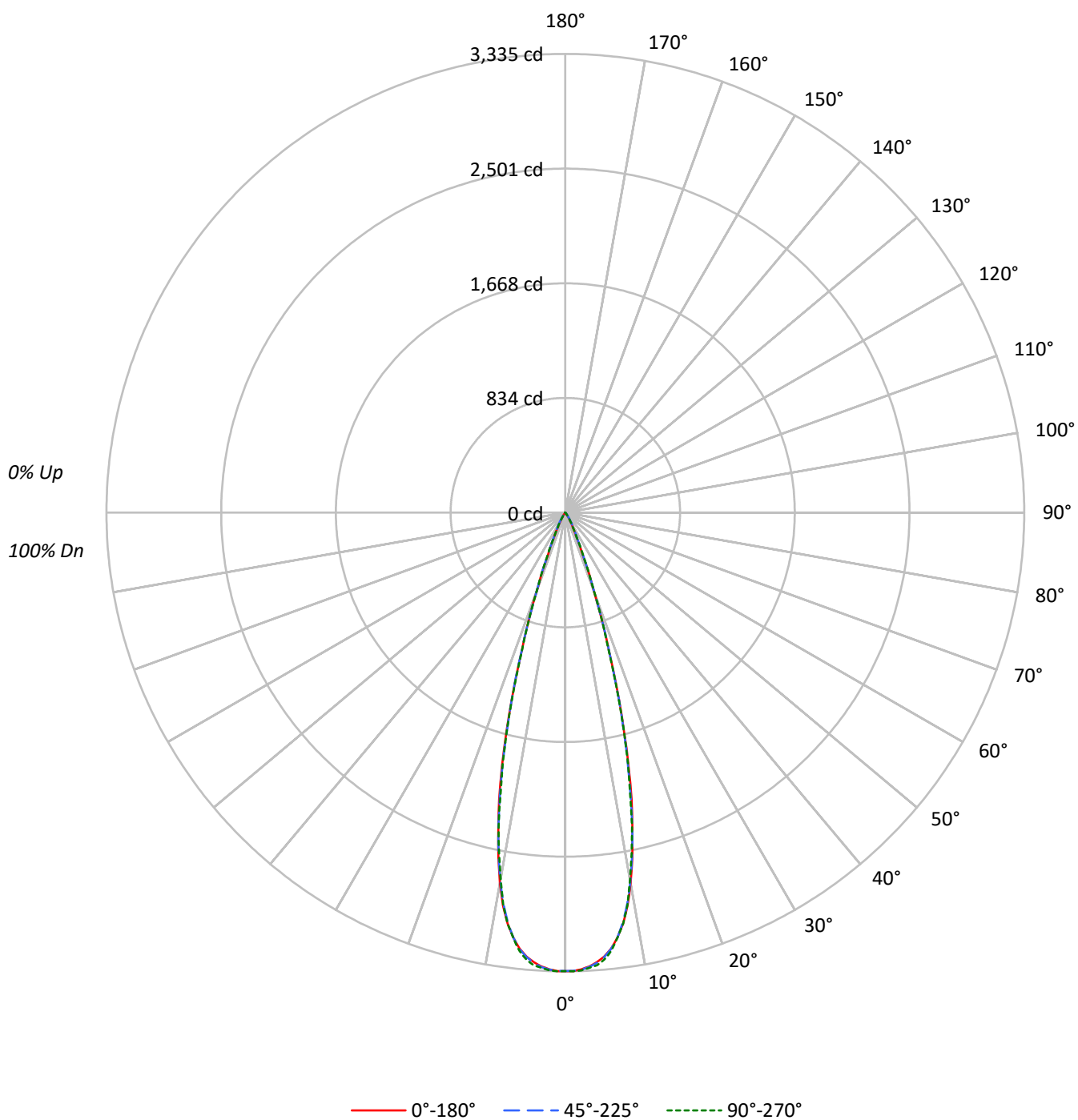
Lumens per Lamp: N/A
Luminaire Lumens: 860.0 lumens
Efficiency: N/A
Efficacy: 58.5 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	102	101	100	99	99	97	96	95
2	112	108	105	103	109	106	104	102	103	101	99	100	99	97	98	96	95	94	93	92
3	108	104	100	97	106	102	99	97	100	97	95	98	95	94	95	94	92	91	90	89
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88	87	86
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	86	85	84
6	99	93	89	86	98	92	89	86	91	88	85	90	87	85	89	86	84	83	82	81
7	96	90	86	83	95	90	86	83	89	85	83	87	85	82	87	84	82	81	80	79
8	94	88	84	81	93	87	83	81	86	83	80	85	82	80	84	82	80	79	78	77
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	77	76	75
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	80	78	76	75	74	73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	574001	574001	574001
5°	560012	560703	563815
10°	478278	476057	473259
15°	295155	291696	292765
20°	111560	112165	112036
25°	34319	37625	35839
30°	13841	17560	14358
35°	4079	7443	4226
40°	1664	3013	1664
45°	317	974	317
50°	0	188	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: 974 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	294.0	34.2
10°-20°	435.2	50.6
20°-30°	108.0	12.6
30°-40°	20.3	2.4
40°-50°	2.6	0.3
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°	837.2	97.3
0°-40°	857.4	99.7
0°-60°	860.0	100.0
0°-90°	860.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	860.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3333	3333	3333	3333	3333	
5°	3239	3238	3243	3249	3261	294
15°	1655	1639	1636	1649	1642	437
25°	181	193	198	197	189	104
35°	19	25	35	26	20	16
45°	1	2	4	3	1	2
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°	3332.9	3332.9	3332.9	3332.9	3332.9
1°	3334.2	3331.6	3331.6	3327.6	3334.9
2°	3322.2	3319.5	3324.2	3320.9	3330.2
3°	3304.1	3300.8	3307.5	3309.5	3314.2
4°	3277.4	3274.7	3282.1	3286.1	3298.8
5°	3239.3	3237.9	3243.3	3248.6	3261.3
6°	3187.1	3185.1	3188.4	3195.1	3203.1
7°	3111.5	3107.5	3110.2	3111.5	3113.5
8°	3015.9	3009.8	3006.5	3013.9	3017.9
9°	2892.8	2886.1	2878.8	2876.1	2885.4
10°	2734.9	2724.9	2722.2	2715.6	2706.2
11°	2551.7	2543.7	2541.6	2529.6	2524.3
12°	2341.7	2337.6	2342.3	2335.0	2332.3
13°	2140.3	2114.9	2111.6	2097.5	2090.2
14°	1902.2	1878.8	1878.1	1870.8	1880.8
15°	1655.4	1639.4	1636.0	1648.7	1642.0
17.5°	1055.5	1066.2	1063.5	1056.8	1045.4
20°	608.7	601.3	612.0	614.7	611.3
22.5°	324.4	327.1	329.1	337.1	342.5
25°	180.6	192.6	198.0	197.3	188.6
27.5°	112.4	119.7	129.8	123.1	115.7
30°	69.6	75.6	88.3	76.2	72.2
32.5°	37.5	47.5	56.9	47.5	38.8
35°	19.4	25.4	35.4	26.1	20.1
37.5°	12.7	14.7	22.7	14.7	12.7
40°	7.4	9.4	13.4	9.4	7.4
42.5°	3.3	5.4	7.4	5.4	3.3
45°	1.3	2.0	4.0	2.7	1.3
47.5°	0.0	0.7	2.0	0.7	0.0
50°	0.0	0.0	0.7	0.0	0.0
52.5°	0.0	0.0	0.0	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)