

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: P1324037

Luminaire Tested: LDSQA3D17R259030D2WDE010 3LSQPHRL1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324037
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R259030D2WDE010 3LSQPHRL1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRL1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

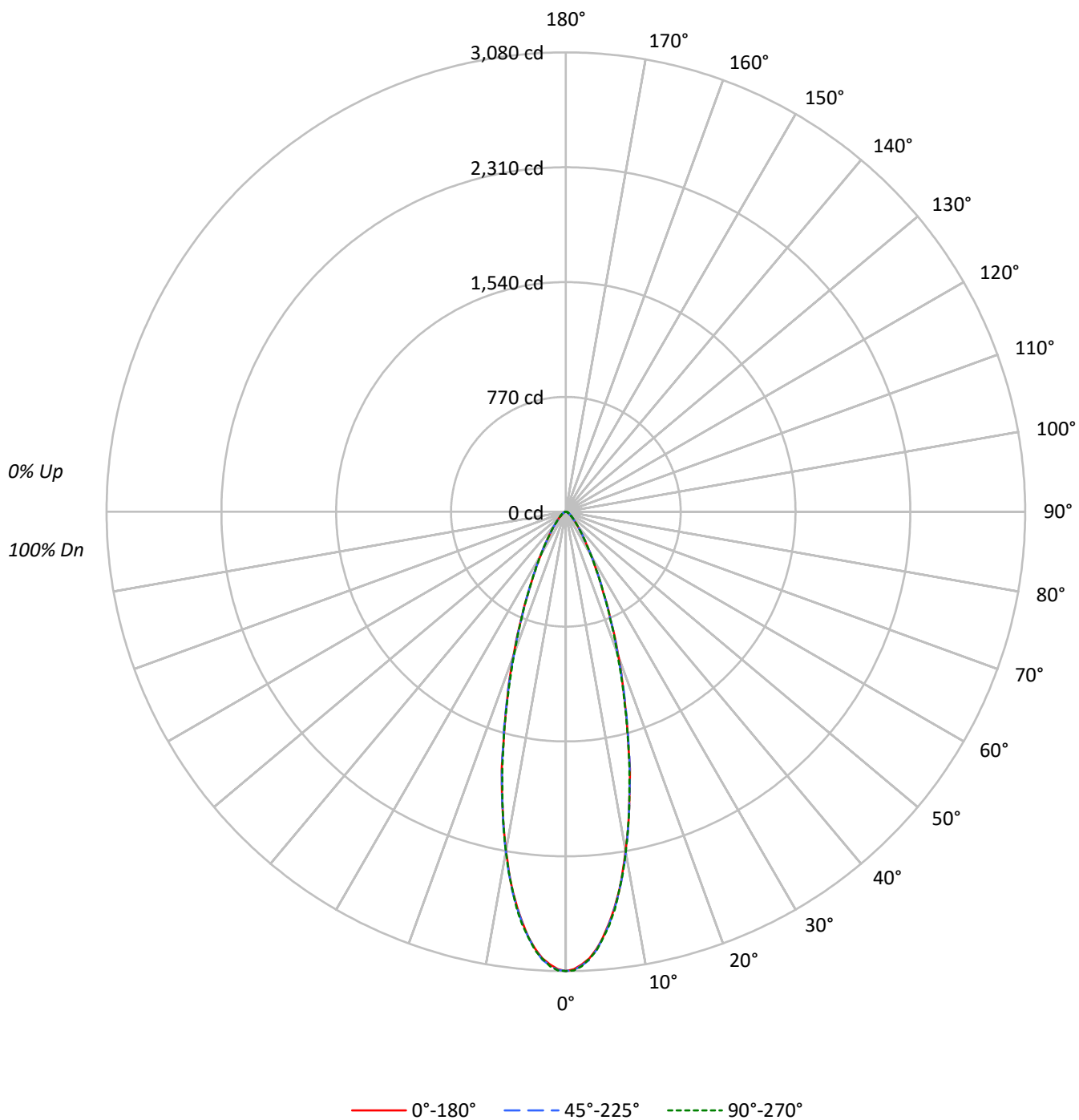
Lumens per Lamp: N/A
Luminaire Lumens: 1233.9 lumens
Efficiency: N/A
Efficacy: 45.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.54
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	0		
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94		
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	92	90	88		
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	83		
4	99	92	87	83	97	91	86	83	89	85	82	87	84	81	85	82	80	79		
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	74		
6	91	83	78	74	90	82	77	73	81	76	73	79	76	73	78	75	72	71		
7	87	79	74	70	86	78	73	70	77	73	69	76	72	69	75	71	69	67		
8	84	76	70	67	83	75	70	66	74	69	66	73	69	66	72	68	66	64		
9	81	72	67	64	80	72	67	63	71	66	63	70	66	63	69	66	63	62		
10	78	69	64	61	77	69	64	61	68	64	61	67	63	60	67	63	60	59		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	530394	530394	530394
5°	495078	495562	495821
10°	403814	405073	405073
15°	288415	289966	288415
20°	188755	186923	184265
25°	112230	112781	112230
30°	67614	67614	67316
35°	41187	41481	41187
40°	26237	26551	26551
45°	18243	18243	18243
50°	13129	13504	13504
55°	10389	10389	10809
60°	8439	8921	8921
65°	7621	7621	7621
70°	6546	6546	7251
75°	5723	5723	6721
80°	5752	5752	5752
85°	2766	2766	2766

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18243 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	255.9	20.7
10°-20°	446.1	36.2
20°-30°	280.4	22.7
30°-40°	128.3	10.4
40°-50°	59.9	4.9
50°-60°	32.2	2.6
60°-70°	19.0	1.5
70°-80°	9.9	0.8
80°-90°	2.2	0.2
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°	982.5	79.6
0°-40°	1110.8	90.0
0°-60°	1202.9	97.5
0°-90°	1233.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1233.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3080	3080	3080	3080	3080	
5°	2864	2869	2866	2869	2868	255
15°	1618	1628	1626	1629	1618	446
25°	591	598	594	594	591	281
35°	196	196	197	197	196	128
45°	75	75	75	75	75	59
55°	35	35	35	36	36	32
65°	19	19	19	19	19	19
75°	9	9	9	10	10	10
85°	1	1	1	1	1	2
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3079.7	3079.7	3079.7	3079.7	3079.7
1°	3066.8	3069.6	3072.5	3076.8	3075.4
2°	3038.0	3043.7	3045.2	3050.9	3049.5
3°	2999.1	2997.6	3009.1	3009.1	3001.9
4°	2938.6	2941.4	2944.3	2947.2	2948.6
5°	2863.7	2869.4	2866.5	2869.4	2868.0
6°	2771.5	2780.1	2778.7	2781.5	2785.9
7°	2673.5	2679.3	2679.3	2676.4	2687.9
8°	2566.9	2562.6	2569.8	2566.9	2565.5
9°	2440.2	2448.8	2450.2	2443.0	2445.9
10°	2309.1	2314.8	2316.3	2320.6	2316.3
11°	2179.4	2179.4	2182.3	2189.5	2178.0
12°	2038.3	2051.2	2038.3	2044.0	2038.3
13°	1904.3	1907.2	1904.3	1902.9	1892.8
14°	1777.5	1767.5	1770.3	1758.8	1760.3
15°	1617.6	1627.7	1626.3	1629.2	1617.6
17.5°	1300.7	1306.5	1305.1	1302.2	1287.8
20°	1029.9	1029.9	1019.9	1014.1	1005.4
22.5°	786.5	783.6	779.3	775.0	777.9
25°	590.6	597.8	593.5	593.5	590.6
27.5°	446.5	455.2	448.0	443.7	446.5
30°	340.0	342.8	340.0	338.5	338.5
32.5°	256.4	257.8	256.4	256.4	256.4
35°	195.9	195.9	197.3	197.3	195.9
37.5°	151.2	151.2	151.2	151.2	152.7
40°	116.7	118.1	118.1	118.1	118.1
42.5°	92.2	93.6	93.6	93.6	93.6
45°	74.9	74.9	74.9	74.9	74.9
47.5°	60.5	60.5	60.5	60.5	61.9
50°	49.0	50.4	50.4	50.4	50.4
52.5°	41.8	41.8	41.8	41.8	41.8
55°	34.6	34.6	34.6	36.0	36.0
57.5°	28.8	28.8	30.2	30.2	30.2
60°	24.5	25.9	25.9	25.9	25.9
62.5°	21.6	21.6	23.0	23.0	23.0
65°	18.7	18.7	18.7	18.7	18.7
67.5°	15.8	15.8	15.8	15.8	17.3
70°	13.0	13.0	13.0	14.4	14.4
72.5°	11.5	11.5	11.5	11.5	11.5
75°	8.6	8.6	8.6	10.1	10.1
77.5°	7.2	7.2	7.2	7.2	7.2
80°	5.8	5.8	5.8	5.8	5.8
82.5°	2.9	2.9	4.3	4.3	4.3
85°	1.4	1.4	1.4	1.4	1.4
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)