

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: P1324071

Luminaire Tested: LDSQA3D17R359030D2WDE010 3LSQPHRL1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324071
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R359030D2WDE010 3LSQPHRL1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHRL1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

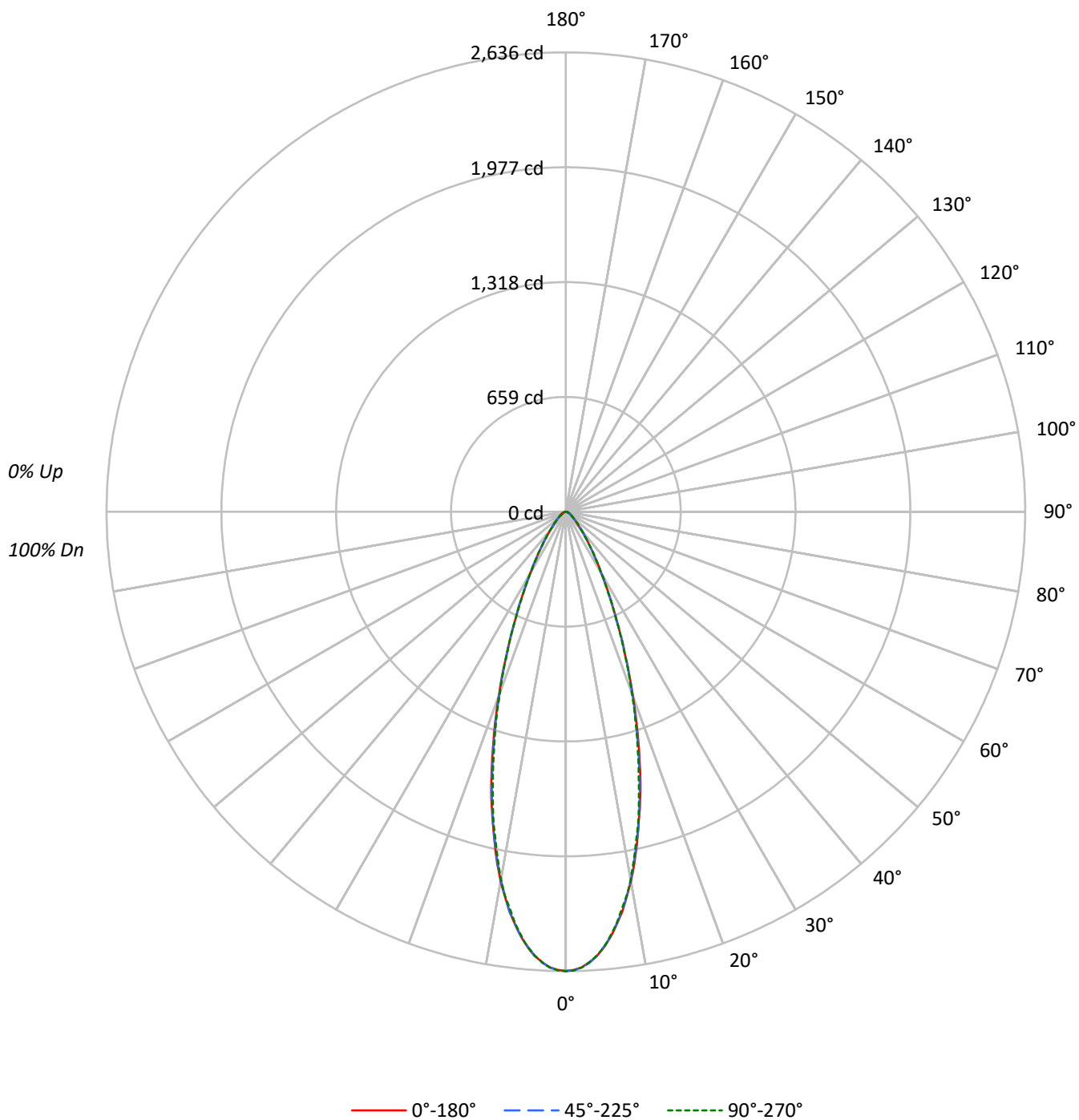
Lumens per Lamp: N/A
Luminaire Lumens: 1300.0 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.58 / 0.6
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	85		88
4	98	91	86	82	97	90	85	81	88	84	80		86	82	79		84
5	94	86	80	76	92	85	80	76	83	79	75		82	78	75		80
6	90	81	76	72	88	81	75	71	79	74	71		78	74	70		76
7	86	77	72	68	85	77	71	67	75	71	67		74	70	67		73
8	82	73	68	64	81	73	68	64	72	67	64		71	67	63		70
9	79	70	65	61	78	70	64	61	69	64	61		68	63	60		67
10	76	67	62	58	75	67	61	58	66	61	58		65	61	58		64

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	453979	453979	453979
5°	433792	433048	433792
10°	376603	375344	374837
15°	295101	292783	288165
20°	206442	204590	203271
25°	131118	131936	131118
30°	80779	81356	80779
35°	49975	50270	50270
40°	31745	32059	32059
45°	21409	21750	22091
50°	15433	15835	15835
55°	12101	12101	12101
60°	9920	9920	9920
65°	8802	8802	8802
70°	7956	7956	7956
75°	6721	6721	6721
80°	5752	5752	5752
85°	2766	2766	5730

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°

Vertical Angle: 45°

Luminance: 22091 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	227.8	17.5
10°-20°	448.5	34.5
20°-30°	323.6	24.9
30°-40°	156.0	12.0
40°-50°	71.9	5.5
50°-60°	37.2	2.9
60°-70°	21.5	1.7
70°-80°	10.9	0.8
80°-90°	2.5	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°	999.9	76.9
0°-40°	1156.0	88.9
0°-60°	1265.1	97.3
0°-90°	1300.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1300.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2636	2636	2636	2636	2636	
5°	2509	2515	2505	2506	2509	228
15°	1655	1652	1642	1635	1616	451
25°	690	691	694	694	690	324
35°	238	238	239	239	239	155
45°	88	89	89	91	91	71
55°	40	40	40	40	40	37
65°	22	22	22	22	22	21
75°	10	10	10	10	10	11
85°	1	1	1	1	3	2
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2636.0	2636.0	2636.0	2636.0	2636.0
1°	2628.8	2633.1	2631.7	2633.1	2631.7
2°	2615.8	2618.7	2615.8	2617.3	2617.3
3°	2588.5	2591.3	2591.3	2589.9	2588.5
4°	2555.3	2562.5	2555.3	2556.8	2552.5
5°	2509.2	2515.0	2504.9	2506.4	2509.2
6°	2453.1	2454.5	2451.6	2450.2	2447.3
7°	2388.2	2394.0	2383.9	2385.4	2382.5
8°	2319.1	2317.7	2317.7	2311.9	2303.3
9°	2235.6	2241.3	2232.7	2229.8	2231.2
10°	2153.5	2153.5	2146.3	2139.0	2143.4
11°	2059.8	2056.9	2052.6	2042.5	2039.7
12°	1957.6	1963.3	1950.4	1946.0	1935.9
13°	1852.4	1861.0	1855.3	1839.4	1840.9
14°	1754.5	1748.7	1744.4	1741.5	1731.4
15°	1655.1	1652.2	1642.1	1634.9	1616.2
17.5°	1382.8	1385.7	1367.0	1364.1	1356.9
20°	1126.4	1117.8	1116.3	1117.8	1109.1
22.5°	888.7	897.4	887.3	888.7	883.0
25°	690.0	691.4	694.3	694.3	690.0
27.5°	535.8	535.8	533.0	535.8	531.5
30°	406.2	406.2	409.1	412.0	406.2
32.5°	314.0	314.0	314.0	315.5	316.9
35°	237.7	237.7	239.1	239.1	239.1
37.5°	182.9	184.4	185.8	185.8	185.8
40°	141.2	142.6	142.6	144.0	142.6
42.5°	112.4	112.4	112.4	113.8	113.8
45°	87.9	89.3	89.3	90.7	90.7
47.5°	72.0	72.0	72.0	73.5	73.5
50°	57.6	59.1	59.1	59.1	59.1
52.5°	47.5	47.5	49.0	49.0	49.0
55°	40.3	40.3	40.3	40.3	40.3
57.5°	33.1	34.6	34.6	34.6	34.6
60°	28.8	28.8	28.8	28.8	28.8
62.5°	24.5	24.5	24.5	24.5	24.5
65°	21.6	21.6	21.6	21.6	21.6
67.5°	17.3	18.7	18.7	18.7	18.7
70°	15.8	15.8	15.8	15.8	15.8
72.5°	11.5	13.0	13.0	13.0	13.0
75°	10.1	10.1	10.1	10.1	10.1
77.5°	8.6	7.2	7.2	7.2	8.6
80°	5.8	5.8	5.8	5.8	5.8
82.5°	4.3	4.3	4.3	4.3	4.3
85°	1.4	1.4	1.4	1.4	2.9
87.5°	0.0	0.0	0.0	1.4	1.4



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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)