

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: P1324066

Luminaire Tested: LDSQA3D17R359030D2WDE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324066
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R359030D2WDE010 3LSQCDR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

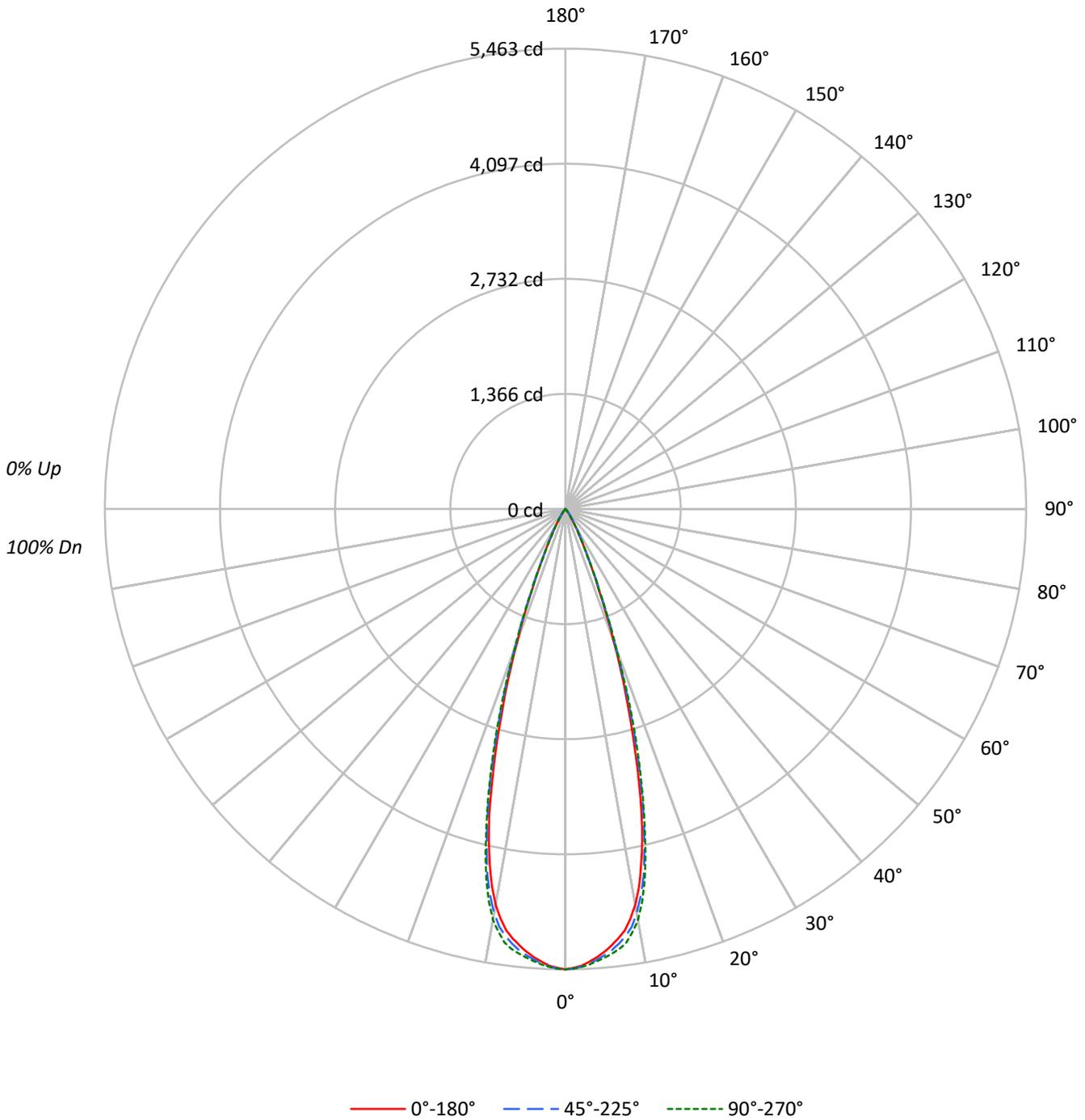
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1819.0 lumens
Efficiency: N/A
Efficacy: 66.6 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
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			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	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	98	98	98	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	94	94	94	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	94	92	91	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	92	89	87	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	86	84	82	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	84	81	79	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	81	79	76	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	79	76	74	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	77	74	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	940887	940887	940887
5°	912360	918825	923822
10°	833720	851348	865968
15°	599563	625755	630890
20°	305245	320549	321355
25°	115802	118273	114985
30°	44983	52143	43830
35°	15453	24241	14549
40°	5193	9398	4856
45°	341	3166	341
50°	0	375	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: 3166 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	494.5	27.2
10°-20°	921.4	50.7
20°-30°	331.2	18.2
30°-40°	64.6	3.6
40°-50°	7.2	0.4
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°	1747.1	96.0
0°-40°	1811.8	99.6
0°-60°	1819.0	100.0
0°-90°	1819.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1819.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5463	5463	5463	5463	5463	
5°	5277	5292	5315	5339	5344	489
15°	3363	3419	3510	3534	3538	894
25°	609	615	622	618	605	320
35°	74	84	115	85	69	55
45°	1	4	13	4	1	4
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°	5463.2	5463.2	5463.2	5463.2	5463.2
1°	5447.4	5454.6	5456.0	5466.1	5454.6
2°	5424.3	5428.7	5434.4	5443.1	5437.3
3°	5379.7	5388.3	5401.3	5412.8	5412.8
4°	5332.1	5343.7	5359.5	5379.7	5378.2
5°	5277.4	5291.8	5314.8	5339.3	5343.7
6°	5208.2	5225.5	5263.0	5297.6	5303.3
7°	5134.8	5160.7	5196.7	5247.1	5260.1
8°	5048.3	5068.5	5120.3	5179.4	5193.8
9°	4921.5	4951.8	5018.1	5072.8	5081.4
10°	4767.4	4789.0	4868.2	4925.8	4951.8
11°	4568.5	4600.2	4678.0	4737.1	4754.4
12°	4315.0	4361.1	4451.8	4495.1	4509.5
13°	4041.2	4080.1	4150.7	4204.0	4215.6
14°	3732.9	3770.4	3843.9	3887.1	3877.0
15°	3362.7	3418.8	3509.6	3534.1	3538.4
17.5°	2483.8	2519.8	2600.5	2639.4	2666.8
20°	1665.5	1700.1	1749.0	1775.0	1753.4
22.5°	1012.8	1041.6	1067.6	1066.1	1058.9
25°	609.4	615.2	622.4	618.1	605.1
27.5°	355.9	371.7	393.3	378.9	357.3
30°	226.2	239.2	262.2	237.7	220.4
32.5°	119.6	151.3	175.8	142.6	125.3
35°	73.5	83.6	115.3	85.0	69.2
37.5°	44.7	51.9	72.0	50.4	40.3
40°	23.1	33.1	41.8	30.3	21.6
42.5°	7.2	15.8	23.1	14.4	7.2
45°	1.4	4.3	13.0	4.3	1.4
47.5°	0.0	0.0	5.8	1.4	0.0
50°	0.0	0.0	1.4	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)