

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: P1323893

Luminaire Tested: LDSQA3D13R259030D2WDE010 3LSQPHRL1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323893
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: LDSQA3D13R259030D2WDE010 3LSQPHRL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

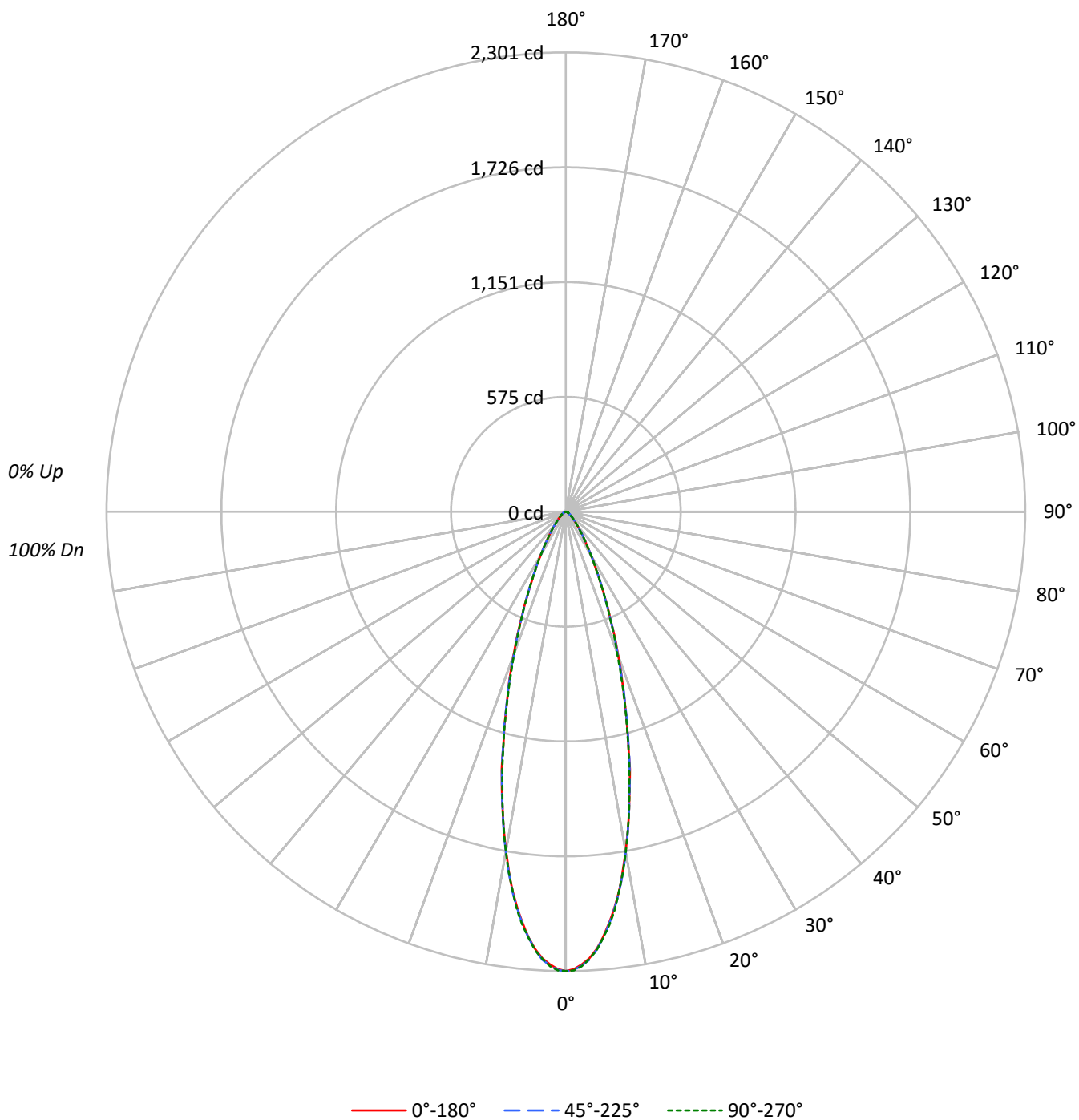
Lumens per Lamp: N/A
Luminaire Lumens: 922.0 lumens
Efficiency: N/A
Efficacy: 45.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.54
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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	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	72		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°	396302	396302	396302
5°	369895	370275	370448
10°	301720	302646	302646
15°	215491	216650	215491
20°	141031	139656	137677
25°	83859	84258	83859
30°	50512	50512	50293
35°	30780	30990	30780
40°	19604	19852	19852
45°	13639	13639	13639
50°	9806	10101	10101
55°	7747	7747	8077
60°	6303	6682	6682
65°	5705	5705	5705
70°	4884	4884	5438
75°	4325	4325	4991
80°	4265	4265	4265
85°	2174	2174	2174

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13639 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.2	20.7
10°-20°	333.3	36.1
20°-30°	209.5	22.7
30°-40°	95.9	10.4
40°-50°	44.8	4.9
50°-60°	24.1	2.6
60°-70°	14.2	1.5
70°-80°	7.4	0.8
80°-90°	1.7	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°	734.1	79.6
0°-40°	829.9	90.0
0°-60°	898.8	97.5
0°-90°	922.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	922.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2301	2301	2301	2301	2301	
5°	2140	2144	2142	2144	2143	191
15°	1209	1216	1215	1217	1209	333
25°	441	447	443	443	441	210
35°	146	146	147	147	146	96
45°	56	56	56	56	56	44
55°	26	26	26	27	27	24
65°	14	14	14	14	14	14
75°	6	6	6	8	8	7
85°	1	1	1	1	1	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2301.1	2301.1	2301.1	2301.1	2301.1
1°	2291.4	2293.5	2295.7	2298.9	2297.8
2°	2269.8	2274.2	2275.2	2279.5	2278.5
3°	2240.8	2239.7	2248.3	2248.3	2242.9
4°	2195.6	2197.7	2199.9	2202.0	2203.1
5°	2139.6	2143.9	2141.8	2143.9	2142.8
6°	2070.7	2077.2	2076.1	2078.3	2081.5
7°	1997.6	2001.9	2001.9	1999.7	2008.3
8°	1917.9	1914.7	1920.1	1917.9	1916.8
9°	1823.2	1829.7	1830.7	1825.4	1827.5
10°	1725.3	1729.6	1730.6	1733.9	1730.6
11°	1628.4	1628.4	1630.5	1635.9	1627.3
12°	1522.9	1532.6	1522.9	1527.2	1522.9
13°	1422.8	1425.0	1422.8	1421.7	1414.2
14°	1328.1	1320.6	1322.7	1314.1	1315.2
15°	1208.6	1216.2	1215.1	1217.3	1208.6
17.5°	971.9	976.2	975.1	972.9	962.2
20°	769.5	769.5	762.0	757.7	751.2
22.5°	587.6	585.5	582.3	579.0	581.2
25°	441.3	446.7	443.4	443.4	441.3
27.5°	333.6	340.1	334.7	331.5	333.6
30°	254.0	256.2	254.0	252.9	252.9
32.5°	191.6	192.7	191.6	191.6	191.6
35°	146.4	146.4	147.4	147.4	146.4
37.5°	113.0	113.0	113.0	113.0	114.1
40°	87.2	88.3	88.3	88.3	88.3
42.5°	68.9	70.0	70.0	70.0	70.0
45°	56.0	56.0	56.0	56.0	56.0
47.5°	45.2	45.2	45.2	45.2	46.3
50°	36.6	37.7	37.7	37.7	37.7
52.5°	31.2	31.2	31.2	31.2	31.2
55°	25.8	25.8	25.8	26.9	26.9
57.5°	21.5	21.5	22.6	22.6	22.6
60°	18.3	19.4	19.4	19.4	19.4
62.5°	16.1	16.1	17.2	17.2	17.2
65°	14.0	14.0	14.0	14.0	14.0
67.5°	11.8	11.8	11.8	11.8	12.9
70°	9.7	9.7	9.7	10.8	10.8
72.5°	8.6	8.6	8.6	8.6	8.6
75°	6.5	6.5	6.5	7.5	7.5
77.5°	5.4	5.4	5.4	5.4	5.4
80°	4.3	4.3	4.3	4.3	4.3
82.5°	2.2	2.2	3.2	3.2	3.2
85°	1.1	1.1	1.1	1.1	1.1
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)