

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: P1309386

Luminaire Tested: LDSQA3D17R259030DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309386
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R259030DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

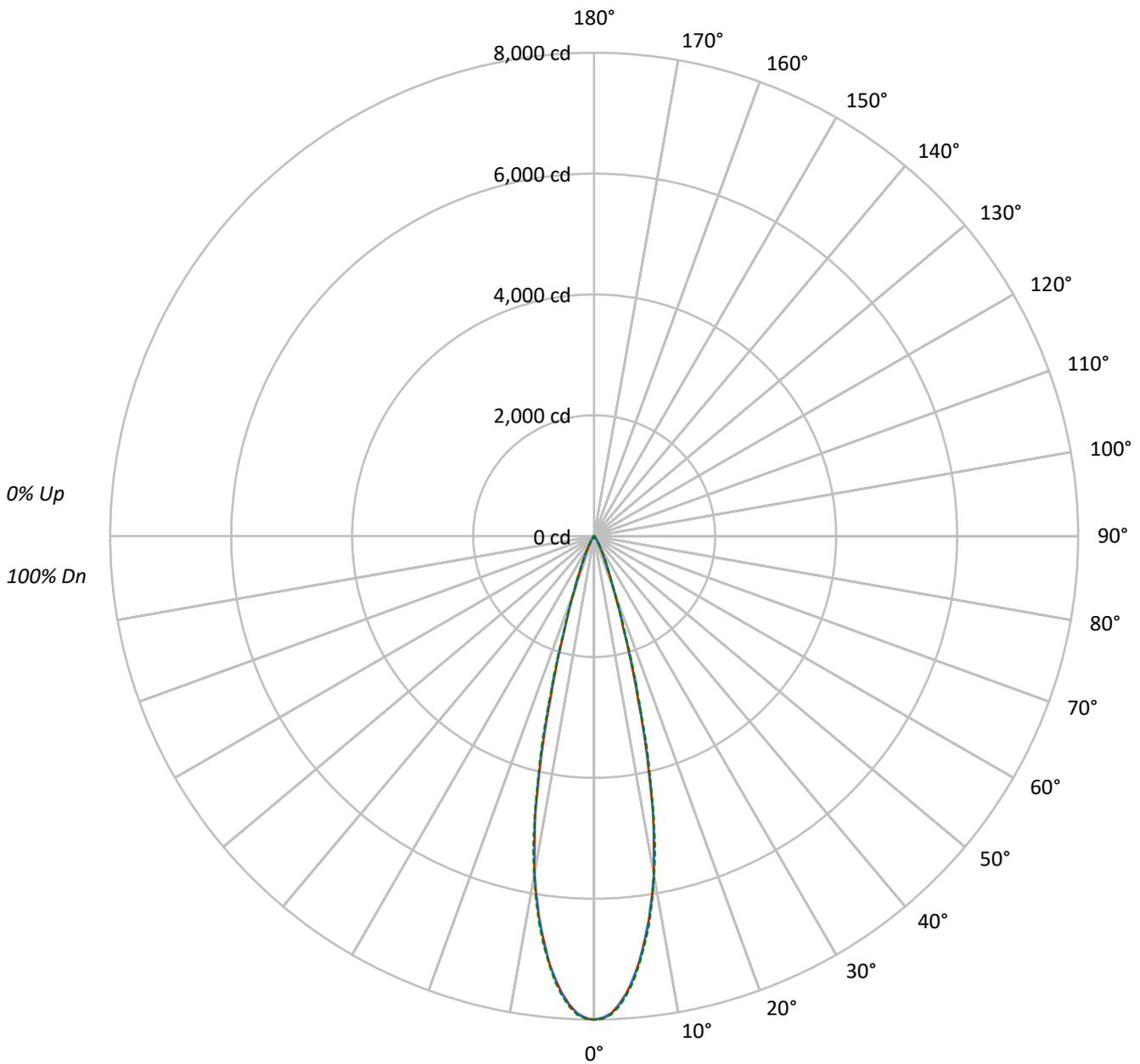
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1690.1 lumens
Efficiency: N/A
Efficacy: 79.7 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (A_{in}): 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



0% Up
100% Dn

— 0°-180° - - 45°-225° - - - 90°-270°



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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	110	113	111	109	108	107	106	105	103	102	102	100	99	99	99	99	99	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	95	95	95	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	93	93	93	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	90	90	90	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	87	87	87	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	85	85	85	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	83	83	83	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	81	81	81	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	79	79	79	78
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	77	77	77	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1377747	1377747	1377747
5°	1272591	1272141	1279264
10°	994067	991374	998124
15°	500090	520987	520523
20°	171124	175835	173012
25°	68771	77322	71697
30°	27921	33290	27145
35°	8115	14612	8115
40°	3755	6362	3755
45°	1267	2509	1267
50°	697	1045	697
55°	781	781	781
60°	896	896	896
65°	530	530	530
70°	655	655	655
75°	865	865	865
80°	0	1289	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 2509 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	649.0	38.4
10°-20°	794.4	47.0
20°-30°	194.1	11.5
30°-40°	40.1	2.4
40°-50°	7.0	0.4
50°-60°	2.4	0.1
60°-70°	1.8	0.1
70°-80°	1.2	0.1
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°	1637.4	96.9
0°-40°	1677.5	99.3
0°-60°	1686.9	99.8
0°-90°	1690.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1690.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	8000	8000	8000	8000	8000	
5°	7361	7368	7358	7374	7400	648
15°	2805	2852	2922	2935	2919	783
25°	362	379	407	384	377	185
35°	39	54	70	53	39	33
45°	5	8	10	8	5	5
55°	3	3	3	3	3	2
65°	1	3	1	1	1	2
75°	1	1	1	1	1	1
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°	7999.8	7999.8	7999.8	7999.8	7999.8
1°	7984.3	7974.0	7971.5	7972.8	7985.6
2°	7912.2	7905.8	7904.5	7908.4	7926.4
3°	7765.4	7773.1	7775.7	7788.6	7797.6
4°	7585.1	7600.6	7594.1	7609.6	7619.9
5°	7361.1	7367.5	7358.5	7373.9	7399.7
6°	7099.6	7076.4	7098.3	7104.8	7122.8
7°	6773.8	6779.0	6786.7	6794.4	6821.5
8°	6453.2	6437.7	6433.8	6469.9	6491.8
9°	6078.4	6081.0	6066.8	6108.0	6114.5
10°	5684.3	5652.1	5668.9	5701.1	5707.5
11°	5164.1	5155.1	5179.5	5229.7	5269.7
12°	4676.0	4681.1	4706.9	4723.6	4714.6
13°	4030.8	4069.4	4101.6	4118.4	4096.5
14°	3447.4	3447.4	3488.6	3495.1	3573.6
15°	2804.8	2852.5	2922.0	2934.9	2919.4
17.5°	1620.0	1626.5	1660.0	1658.7	1683.2
20°	933.7	942.7	959.4	955.5	944.0
22.5°	561.5	580.8	620.7	588.5	579.5
25°	361.9	378.6	406.9	383.8	377.3
27.5°	226.7	238.2	260.1	239.5	229.2
30°	140.4	146.8	167.4	148.1	136.5
32.5°	76.0	92.7	109.5	92.7	76.0
35°	38.6	54.1	69.5	52.8	38.6
37.5°	25.8	30.9	45.1	29.6	25.8
40°	16.7	20.6	28.3	20.6	16.7
42.5°	9.0	12.9	15.5	14.2	9.0
45°	5.2	7.7	10.3	7.7	5.2
47.5°	3.9	3.9	6.4	3.9	2.6
50°	2.6	2.6	3.9	2.6	2.6
52.5°	2.6	2.6	2.6	2.6	2.6
55°	2.6	2.6	2.6	2.6	2.6
57.5°	2.6	2.6	2.6	2.6	2.6
60°	2.6	2.6	2.6	2.6	2.6
62.5°	2.6	2.6	2.6	2.6	2.6
65°	1.3	2.6	1.3	1.3	1.3
67.5°	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3
80°	0.0	0.0	1.3	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)