

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: P1309028

Luminaire Tested: LDSQA3D09R159030DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309028
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R159030DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

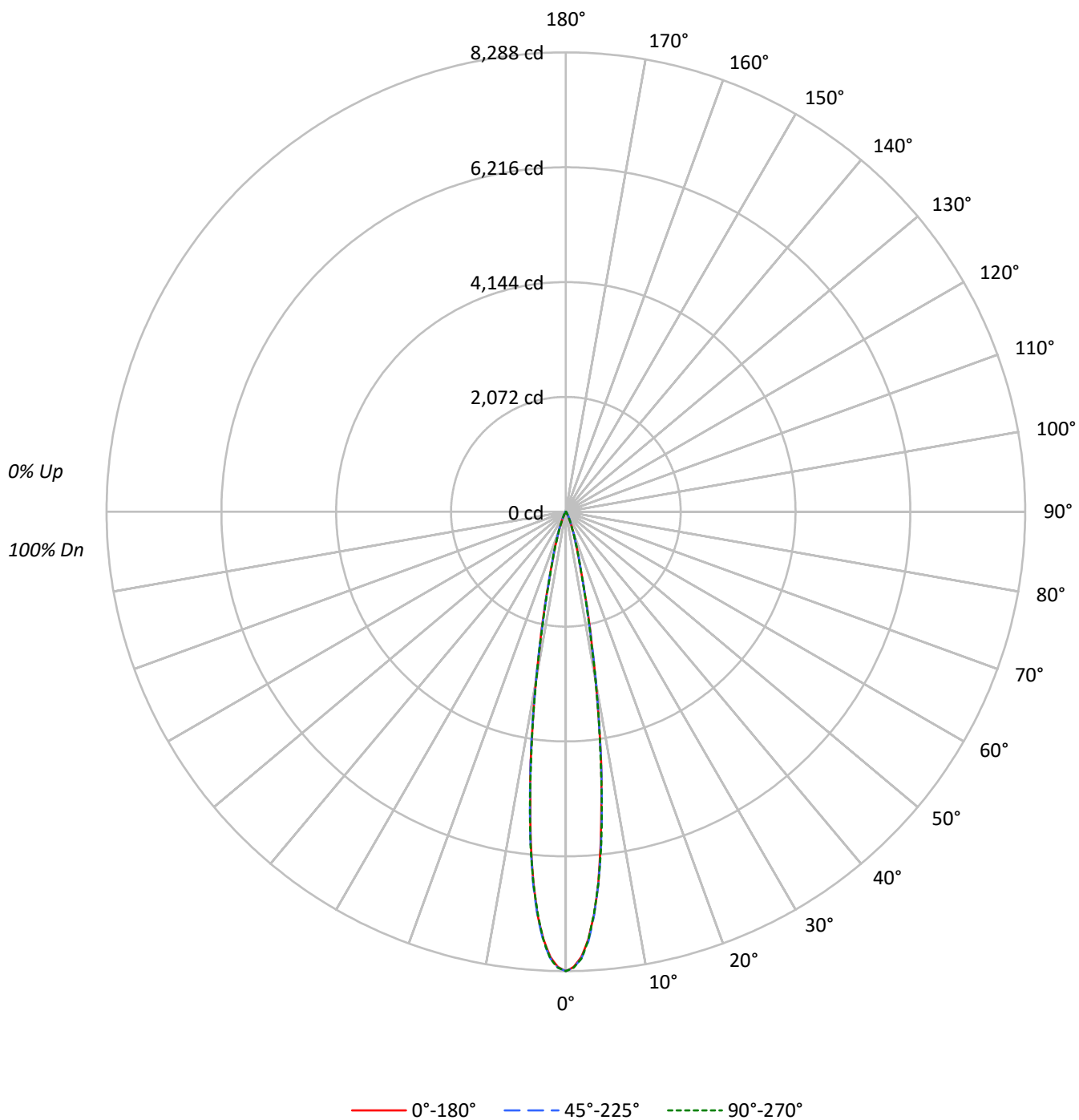
Lumens per Lamp: N/A
Luminaire Lumens: 925.0 lumens
Efficiency: N/A
Efficacy: 83.3 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.29 / 0.29
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	116	114	112	111	113	112	110	109	108	107	106	104	103	102	101	100	100	100	100	98
2	113	109	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97	97	97	96
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	96	95	95	95	94
4	107	103	99	97	106	102	99	96	100	97	95	98	96	94	96	95	93	93	93	92
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	91	91	91	90
6	103	97	94	92	102	97	94	91	96	93	91	94	92	90	93	91	90	90	90	89
7	101	95	92	90	100	95	92	89	94	91	89	93	90	88	92	90	88	88	88	87
8	99	93	90	88	98	93	90	88	92	89	87	91	89	87	90	88	87	87	87	86
9	97	91	88	86	96	91	88	86	90	88	86	90	87	85	89	87	85	85	85	84
10	95	90	87	84	95	90	86	84	89	86	84	88	86	84	88	85	84	84	84	83

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1427381	1427381	1427381
5°	1162155	1165941	1163659
10°	542109	546970	540063
15°	170239	171665	170631
20°	67445	70121	65301
25°	27250	32951	26281
30°	10918	14994	10321
35°	3238	6623	3070
40°	989	2473	832
45°	170	536	170
50°	0	188	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: 536 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	518.9	56.1
10°-20°	310.3	33.5
20°-30°	78.3	8.5
30°-40°	16.0	1.7
40°-50°	1.5	0.2
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°	907.5	98.1
0°-40°	923.5	99.8
0°-60°	925.0	100.0
0°-90°	925.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	925.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	8288	8288	8288	8288	8288	
5°	6722	6710	6744	6727	6731	517
15°	955	963	963	949	957	310
25°	143	157	173	154	138	74
35°	15	20	32	20	15	13
45°	1	2	2	2	1	1
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	8288.0	8288.0	8288.0	8288.0	8288.0
1°	8213.3	8241.1	8226.5	8238.2	8225.0
2°	8035.6	8072.9	8061.2	8057.5	8067.7
3°	7722.4	7765.6	7764.1	7753.1	7735.6
4°	7295.1	7277.6	7304.6	7301.7	7271.7
5°	6722.3	6709.8	6744.2	6727.4	6731.0
6°	6021.4	6075.5	6063.8	6065.3	6079.2
7°	5268.5	5297.8	5322.6	5343.1	5314.6
8°	4577.1	4569.8	4572.0	4595.4	4516.4
9°	3803.0	3848.4	3819.1	3772.3	3802.3
10°	3099.9	3127.7	3127.7	3086.8	3088.2
11°	2471.5	2494.1	2478.0	2488.3	2423.9
12°	1992.2	1935.9	1922.7	1933.0	1932.2
13°	1521.1	1524.7	1521.1	1520.3	1513.0
14°	1192.6	1211.6	1203.5	1183.8	1175.0
15°	954.8	962.8	962.8	948.9	957.0
17.5°	573.6	583.1	585.3	575.8	575.8
20°	368.0	372.4	382.6	368.7	356.3
22.5°	226.8	236.3	253.9	233.4	223.1
25°	143.4	156.6	173.4	153.6	138.3
27.5°	90.0	101.0	115.6	96.6	87.1
30°	54.9	62.2	75.4	60.7	51.9
32.5°	30.7	36.6	47.6	35.1	29.3
35°	15.4	20.5	31.5	19.8	14.6
37.5°	8.8	11.0	19.8	9.5	8.0
40°	4.4	5.9	11.0	5.9	3.7
42.5°	1.5	2.9	4.4	2.9	1.5
45°	0.7	1.5	2.2	1.5	0.7
47.5°	0.0	0.0	0.7	0.0	0.0
50°	0.0	0.0	0.7	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)