

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: P1320091

Luminaire Tested: LDSQA3D13R259840DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320091
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: LDSQA3D13R259840DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

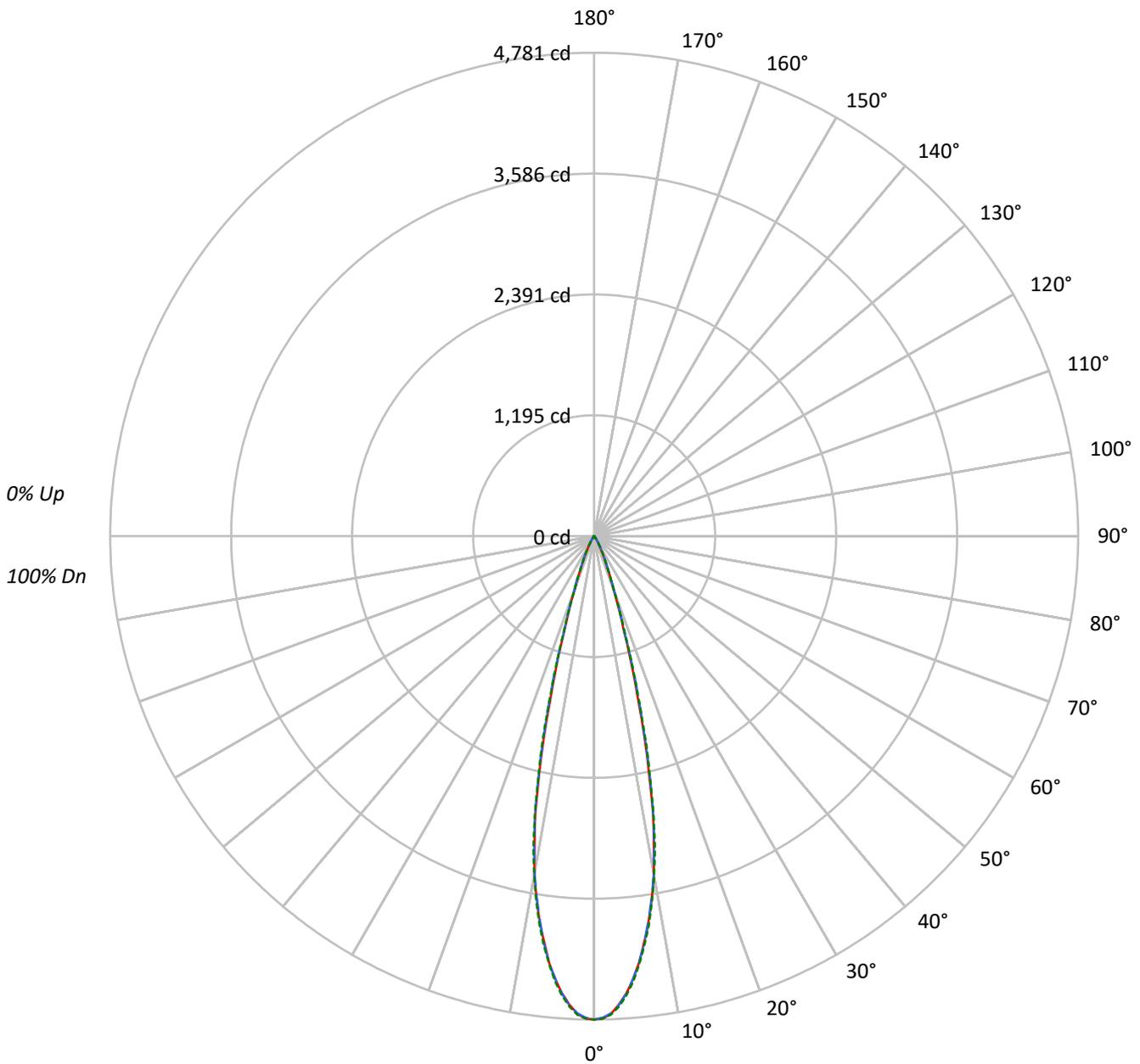
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1010.0 lumens
Efficiency: N/A
Efficacy: 69.7 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): 14.5
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

TEST NUMBER: P1320091
CATALOG NUMBER: LDSQA3D13R259840DE010 3LSQCDR1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



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CATALOG NUMBER: LDSQA3D13R259840DE010 3LSQCDR1MW

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	100	100	100	100
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97	97	97	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	94	94	94	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91	91	91	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	89	89	89	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	86	86	86	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	84	84	84	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82	82	82	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80	80	80	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78	78	78	78
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	76	76	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	823379	823379	823379
5°	760536	760277	764529
10°	594083	592474	596514
15°	298881	311362	311094
20°	102268	105090	103386
25°	41103	46214	42851
30°	16685	19906	16227
35°	4857	8746	4857
40°	2248	3799	2248
45°	755	1510	755
50°	402	616	402
55°	450	450	450
60°	517	517	517
65°	326	326	326
70°	403	403	403
75°	532	532	532
80°	0	793	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1510 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	387.9	38.4
10°-20°	474.7	47.0
20°-30°	116.0	11.5
30°-40°	24.0	2.4
40°-50°	4.2	0.4
50°-60°	1.4	0.1
60°-70°	1.1	0.1
70°-80°	0.8	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°	978.6	96.9
0°-40°	1002.6	99.3
0°-60°	1008.1	99.8
0°-90°	1010.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1010.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4781	4781	4781	4781	4781	
5°	4399	4403	4398	4407	4422	388
15°	1676	1705	1746	1754	1745	468
25°	216	226	243	229	226	111
35°	23	32	42	32	23	20
45°	3	5	6	5	3	3
55°	2	2	2	2	2	1
65°	1	2	1	1	1	1
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



TEST NUMBER: P1320091

CATALOG NUMBER: LDSQA3D13R259840DE010 3LSQCDR1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4780.9	4780.9	4780.9	4780.9	4780.9
1°	4771.7	4765.6	4764.0	4764.8	4772.5
2°	4728.6	4724.8	4724.0	4726.3	4737.1
3°	4640.9	4645.5	4647.0	4654.7	4660.1
4°	4533.1	4542.4	4538.5	4547.7	4553.9
5°	4399.2	4403.1	4397.7	4406.9	4422.3
6°	4243.0	4229.1	4242.2	4246.1	4256.8
7°	4048.3	4051.3	4056.0	4060.6	4076.7
8°	3856.6	3847.4	3845.1	3866.6	3879.7
9°	3632.7	3634.2	3625.7	3650.4	3654.2
10°	3397.1	3377.9	3387.9	3407.2	3411.0
11°	3086.2	3080.8	3095.5	3125.5	3149.3
12°	2794.5	2797.6	2813.0	2823.0	2817.6
13°	2408.9	2432.0	2451.3	2461.3	2448.2
14°	2060.3	2060.3	2084.9	2088.8	2135.7
15°	1676.3	1704.7	1746.3	1754.0	1744.8
17.5°	968.2	972.0	992.1	991.3	1005.9
20°	558.0	563.4	573.4	571.1	564.1
22.5°	335.6	347.1	371.0	351.7	346.3
25°	216.3	226.3	243.2	229.3	225.5
27.5°	135.5	142.4	155.5	143.2	137.0
30°	83.9	87.7	100.1	88.5	81.6
32.5°	45.4	55.4	65.4	55.4	45.4
35°	23.1	32.3	41.6	31.6	23.1
37.5°	15.4	18.5	26.9	17.7	15.4
40°	10.0	12.3	16.9	12.3	10.0
42.5°	5.4	7.7	9.2	8.5	5.4
45°	3.1	4.6	6.2	4.6	3.1
47.5°	2.3	2.3	3.8	2.3	1.5
50°	1.5	1.5	2.3	1.5	1.5
52.5°	1.5	1.5	1.5	1.5	1.5
55°	1.5	1.5	1.5	1.5	1.5
57.5°	1.5	1.5	1.5	1.5	1.5
60°	1.5	1.5	1.5	1.5	1.5
62.5°	1.5	1.5	1.5	1.5	1.5
65°	0.8	1.5	0.8	0.8	0.8
67.5°	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8
80°	0.0	0.0	0.8	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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CATALOG NUMBER: LDSQA3D13R259840DE010 3LSQCDR1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)