

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: P1320089

Luminaire Tested: LDSQA3D13R259840DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320089
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R259840DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

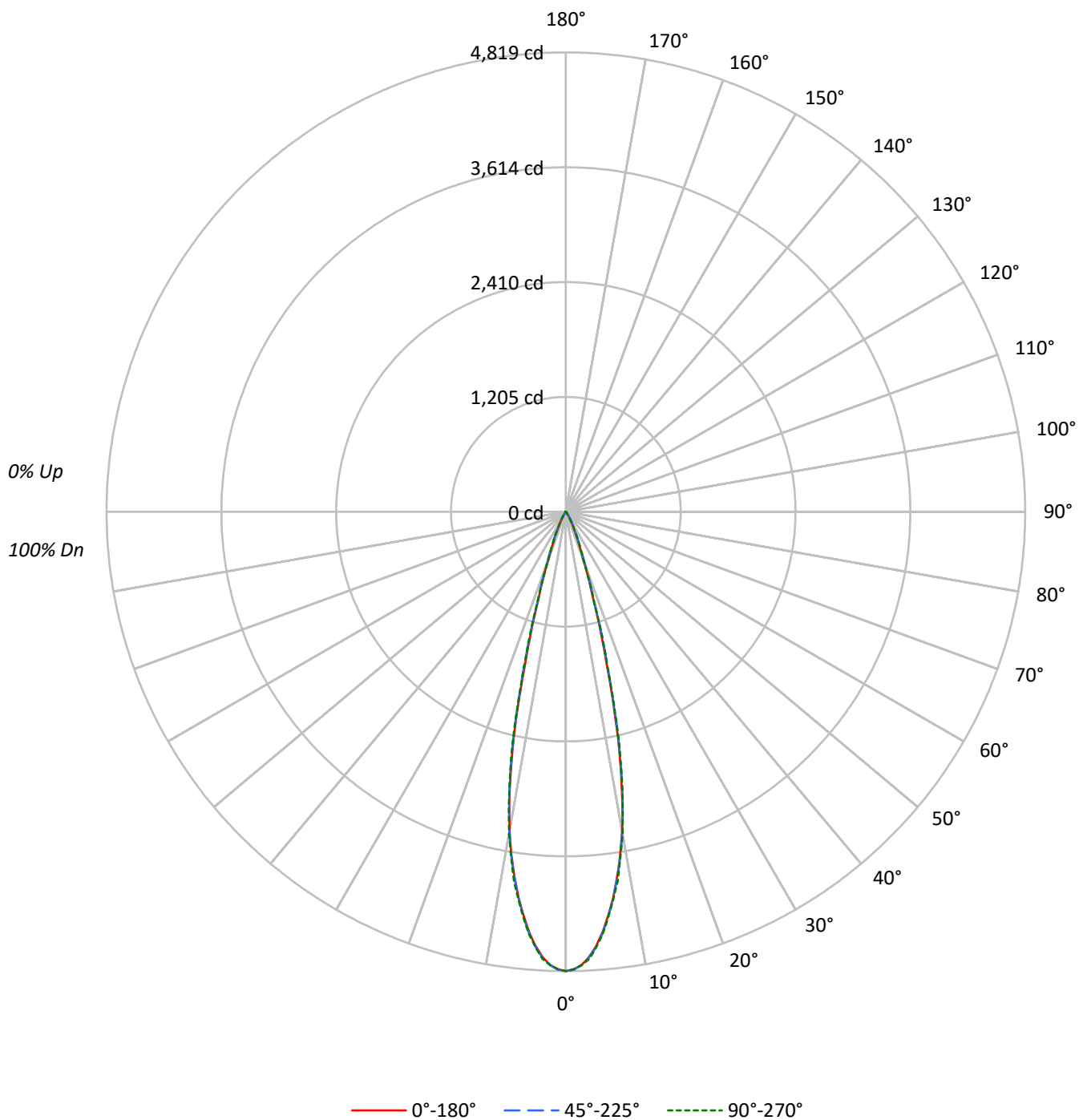
Lumens per Lamp: N/A
Luminaire Lumens: 1003.0 lumens
Efficiency: N/A
Efficacy: 69.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
Input Voltage (V): NR
Input Current (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					0
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	100	99	99
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	96	96
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	83	83
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	81	81
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	79	79
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	77	77
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	75	75

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	829872	829872	829872
5°	765186	766915	768523
10°	594118	596269	599504
15°	293603	305959	306084
20°	98859	105493	100838
25°	40951	45473	42110
30°	16068	20205	16227
35°	4205	8242	4373
40°	1551	3282	1551
45°	195	926	195
50°	0	214	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: 926 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	390.4	38.9
10°-20°	472.3	47.1
20°-30°	115.3	11.5
30°-40°	22.4	2.2
40°-50°	2.5	0.3
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°	978.0	97.5
0°-40°	1000.4	99.7
0°-60°	1003.0	100.0
0°-90°	1003.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1003.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4819	4819	4819	4819	4819	
5°	4426	4432	4436	4455	4445	389
15°	1647	1686	1716	1733	1717	464
25°	216	227	239	229	222	110
35°	20	28	39	28	21	18
45°	1	2	4	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°	4818.6	4818.6	4818.6	4818.6	4818.6
1°	4800.1	4803.2	4804.0	4808.6	4799.3
2°	4756.2	4757.0	4759.3	4768.6	4760.1
3°	4675.4	4680.8	4681.6	4693.9	4696.2
4°	4565.4	4568.5	4574.6	4595.4	4577.0
5°	4426.1	4432.3	4436.1	4455.4	4445.4
6°	4253.8	4255.3	4263.8	4286.1	4272.2
7°	4078.3	4077.6	4078.3	4096.0	4092.2
8°	3866.7	3862.9	3875.2	3896.7	3911.3
9°	3645.9	3651.3	3658.9	3679.7	3662.8
10°	3397.3	3411.9	3409.6	3411.2	3428.1
11°	3111.1	3115.7	3116.5	3132.6	3130.3
12°	2774.8	2774.8	2800.2	2826.4	2817.9
13°	2435.5	2459.3	2442.4	2447.8	2481.6
14°	2039.9	2058.4	2081.5	2103.0	2086.1
15°	1646.7	1686.0	1716.0	1732.9	1716.7
17.5°	943.4	956.5	981.9	985.0	974.9
20°	539.4	555.6	575.6	569.4	550.2
22.5°	339.3	344.0	364.0	354.0	349.4
25°	215.5	227.0	239.3	229.3	221.6
27.5°	133.9	141.6	154.7	143.9	135.4
30°	80.8	87.7	101.6	87.0	81.6
32.5°	42.3	52.3	63.9	53.1	42.3
35°	20.0	28.5	39.2	28.5	20.8
37.5°	12.3	15.4	23.9	15.4	12.3
40°	6.9	10.0	14.6	10.0	6.9
42.5°	3.1	5.4	6.9	5.4	3.8
45°	0.8	2.3	3.8	2.3	0.8
47.5°	0.0	0.0	2.3	0.8	0.0
50°	0.0	0.0	0.8	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)