

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: P1320094

Luminaire Tested: LDSQA3D13R259840DE010 3LSQPHR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320094
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R259840DE010 3LSQPHR1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

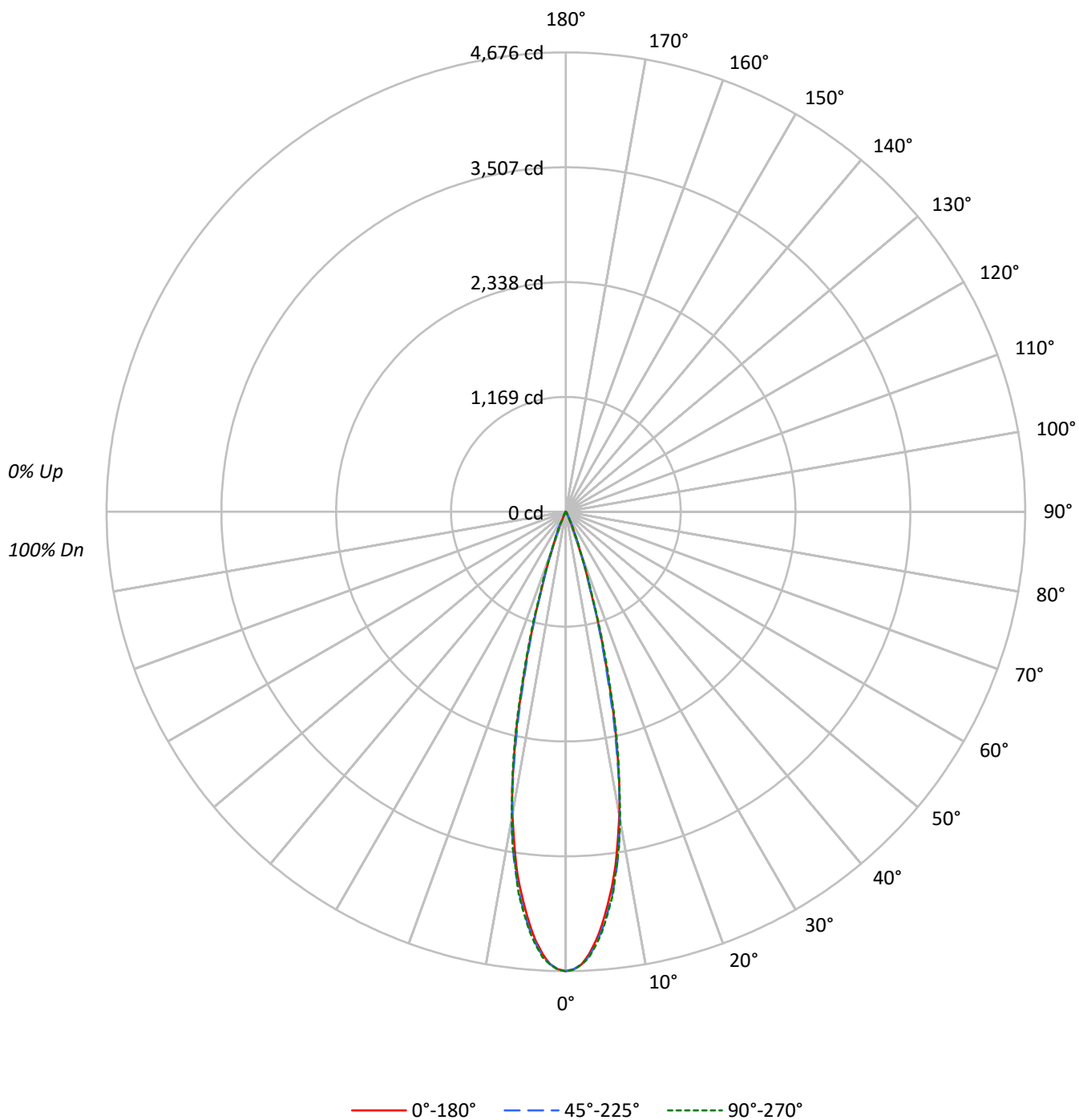
Lumens per Lamp: N/A
Luminaire Lumens: 863.0 lumens
Efficiency: N/A
Efficacy: 59.5 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	112	110	113	111	110	108	107	106	105		104	103	102		100
2	112	109	106	104	110	107	105	103	104	102	101		101	100	98		99
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97
4	106	101	98	95	105	100	97	95	99	96	94		97	94	93		95
5	104	98	95	92	102	98	94	92	96	93	91		95	92	90		93
6	101	96	92	89	100	95	92	89	94	91	89		93	90	88		91
7	99	93	89	87	98	93	89	87	92	89	86		91	88	86		90
8	97	91	87	85	96	90	87	85	90	86	84		89	86	84		88
9	95	89	85	83	94	88	85	83	88	85	82		87	84	82		86
10	93	87	83	81	92	86	83	81	86	83	81		85	82	80		85

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	805348	805348	805348
5°	729798	736454	740050
10°	548632	552532	555085
15°	271655	263560	281122
20°	76719	77984	78827
25°	13302	25160	15791
30°	5210	5349	5509
35°	1619	1787	1787
40°	517	697	517
45°	365	195	365
50°	214	0	214
55°	240	0	240
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: 0°

Vertical Angle: 45°

Luminance: 365 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	371.5	43.0
10°-20°	418.9	48.5
20°-30°	65.0	7.5
30°-40°	6.6	0.8
40°-50°	0.9	0.1
50°-60°	0.2	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°	855.4	99.1
0°-40°	862.0	99.9
0°-60°	863.0	100.0
0°-90°	863.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	863.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4676	4676	4676	4676	4676	
5°	4221	4229	4260	4277	4281	368
15°	1524	1513	1478	1544	1577	417
25°	70	104	132	101	83	59
35°	8	8	8	9	8	6
45°	2	1	1	1	2	1
55°	1	0	0	0	1	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	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4676.2	4676.2	4676.2	4676.2	4676.2
1°	4656.9	4663.1	4656.2	4663.9	4663.1
2°	4608.5	4614.6	4606.2	4610.8	4610.8
3°	4509.2	4522.3	4530.0	4535.4	4540.0
4°	4378.4	4393.0	4404.6	4418.4	4418.4
5°	4221.4	4229.1	4259.9	4276.8	4280.7
6°	4034.4	4065.2	4088.3	4122.2	4101.4
7°	3847.4	3872.8	3905.2	3910.5	3925.2
8°	3635.1	3662.0	3692.0	3686.6	3674.3
9°	3376.5	3415.8	3451.2	3439.6	3455.0
10°	3137.2	3161.1	3159.5	3148.0	3174.1
11°	2859.4	2864.8	2834.8	2881.7	2853.3
12°	2530.1	2534.7	2496.2	2542.4	2571.6
13°	2214.6	2203.8	2150.7	2211.5	2248.4
14°	1851.4	1855.2	1787.5	1905.3	1896.0
15°	1523.6	1512.8	1478.2	1544.4	1576.7
17.5°	811.8	818.7	810.3	843.4	864.1
20°	418.6	430.1	425.5	439.4	430.1
22.5°	217.0	233.2	237.8	227.0	197.8
25°	70.0	103.9	132.4	100.8	83.1
27.5°	42.3	41.6	64.6	44.6	45.4
30°	26.2	25.4	26.9	26.9	27.7
32.5°	14.6	15.4	14.6	16.2	15.4
35°	7.7	8.5	8.5	9.2	8.5
37.5°	4.6	5.4	5.4	5.4	4.6
40°	2.3	3.1	3.1	2.3	2.3
42.5°	1.5	1.5	1.5	1.5	1.5
45°	1.5	0.8	0.8	0.8	1.5
47.5°	0.8	0.8	0.0	0.8	0.8
50°	0.8	0.8	0.0	0.8	0.8
52.5°	0.8	0.0	0.0	0.0	0.8
55°	0.8	0.0	0.0	0.0	0.8
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)