

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: P1310354

Luminaire Tested: LDSQA3D13R259035DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310354
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R259035DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

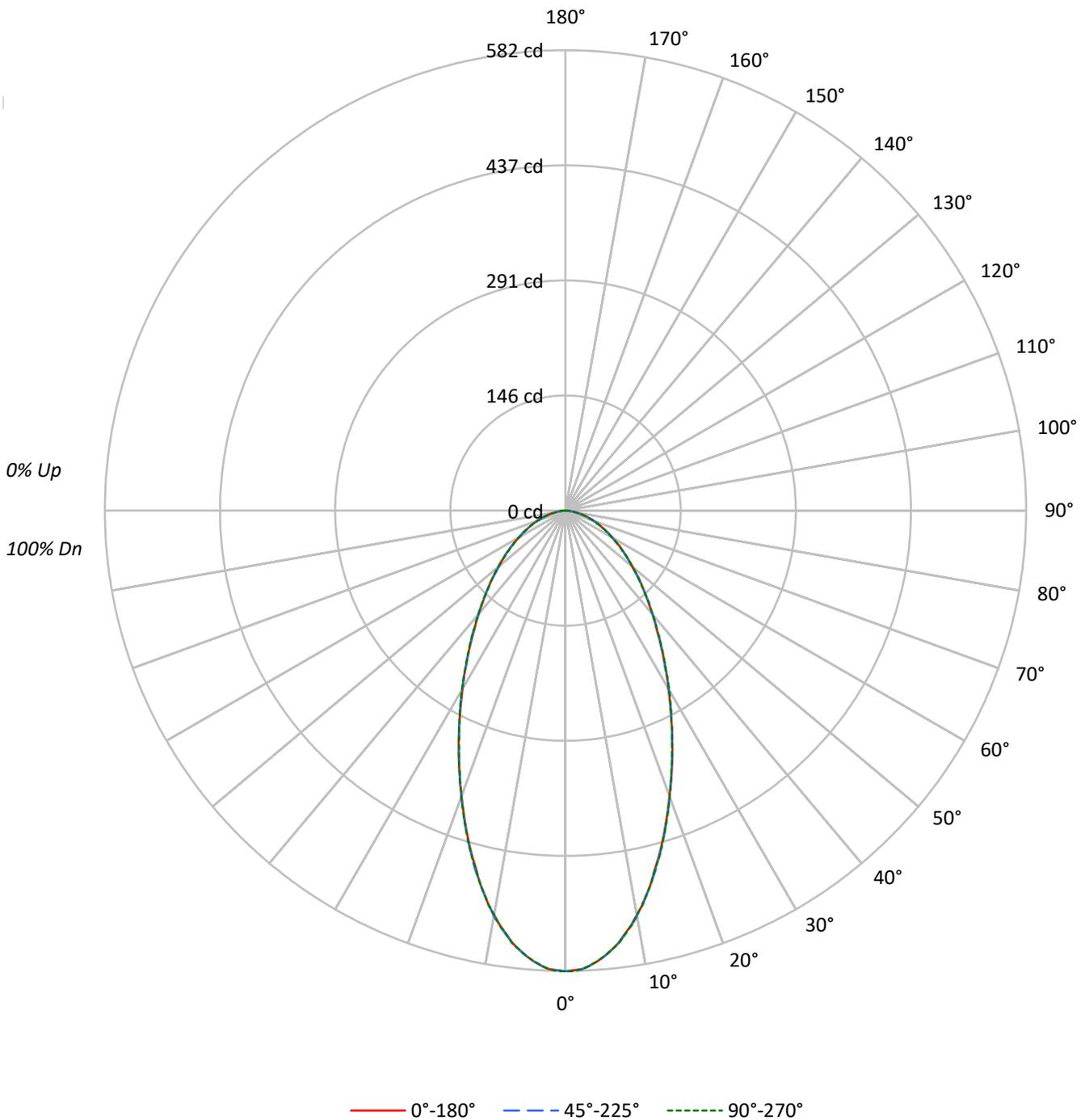
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 729.0 lumens
Efficiency: N/A
Efficacy: 49.9 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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			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	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	90	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	79	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	70	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	63	63	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	56	56	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	51	51	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	47	47	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	43	43	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	40	40	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	37	37	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	100285	100285	100285
5°	97729	97729	97729
10°	90797	90990	90797
15°	80983	81161	81161
20°	70414	70598	70414
25°	60657	60466	60466
30°	51725	51924	52123
35°	44383	44383	44593
40°	38467	38467	38467
45°	33636	33636	33636
50°	29499	29499	29767
55°	26423	26423	26423
60°	23422	23422	23422
65°	21191	21191	21191
70°	19135	18631	19135
75°	17301	16635	16635
80°	13885	13885	13885
85°	9880	9880	9880

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 33636 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.5	7.2
10°-20°	126.7	17.4
20°-30°	146.5	20.1
30°-40°	132.8	18.2
40°-50°	107.0	14.7
50°-60°	78.8	10.8
60°-70°	51.8	7.1
70°-80°	26.8	3.7
80°-90°	6.0	0.8
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°	325.7	44.7
0°-40°	458.5	62.9
0°-60°	644.3	88.4
0°-90°	729.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	729.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	582	582	582	582	582	
5°	565	567	565	565	565	52
15°	454	455	455	454	455	127
25°	319	318	318	319	318	146
35°	211	211	211	211	212	133
45°	138	138	138	138	138	107
55°	88	88	88	87	88	79
65°	52	52	52	52	52	52
75°	26	25	25	25	25	27
85°	5	5	5	5	5	6
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	582.3	582.3	582.3	582.3	582.3
1°	581.3	583.3	581.3	581.3	582.3
2°	580.3	581.3	580.3	580.3	580.3
3°	576.3	578.3	576.3	576.3	576.3
4°	571.3	573.3	571.3	571.3	571.3
5°	565.3	567.3	565.3	565.3	565.3
6°	558.3	559.3	558.3	558.3	558.3
7°	550.3	551.3	550.3	550.3	551.3
8°	540.3	541.3	541.3	540.3	540.3
9°	530.3	531.3	531.3	530.3	531.3
10°	519.2	520.3	520.3	519.2	519.2
11°	508.2	509.2	507.2	507.2	508.2
12°	495.2	496.2	495.2	495.2	495.2
13°	482.2	482.2	482.2	482.2	482.2
14°	467.2	469.2	469.2	468.2	467.2
15°	454.2	455.2	455.2	454.2	455.2
17.5°	419.2	421.2	420.2	420.2	420.2
20°	384.2	385.2	385.2	384.2	384.2
22.5°	351.2	350.2	350.2	350.2	350.2
25°	319.2	318.2	318.2	319.2	318.2
27.5°	288.1	289.1	289.1	288.1	289.1
30°	260.1	260.1	261.1	260.1	262.1
32.5°	235.1	235.1	234.1	235.1	235.1
35°	211.1	211.1	211.1	211.1	212.1
37.5°	189.1	190.1	191.1	191.1	190.1
40°	171.1	171.1	171.1	171.1	171.1
42.5°	153.1	153.1	154.1	154.1	154.1
45°	138.1	138.1	138.1	138.1	138.1
47.5°	124.1	124.1	123.1	123.1	124.1
50°	110.1	111.1	110.1	110.1	111.1
52.5°	99.0	98.0	98.0	99.0	99.0
55°	88.0	88.0	88.0	87.0	88.0
57.5°	78.0	78.0	77.0	77.0	77.0
60°	68.0	68.0	68.0	68.0	68.0
62.5°	60.0	60.0	60.0	60.0	60.0
65°	52.0	52.0	52.0	52.0	52.0
67.5°	45.0	45.0	45.0	45.0	44.0
70°	38.0	38.0	37.0	37.0	38.0
72.5°	31.0	31.0	31.0	31.0	31.0
75°	26.0	25.0	25.0	25.0	25.0
77.5°	20.0	20.0	19.0	20.0	19.0
80°	14.0	14.0	14.0	14.0	14.0
82.5°	10.0	9.0	9.0	9.0	9.0
85°	5.0	5.0	5.0	5.0	5.0
87.5°	1.0	1.0	1.0	1.0	2.0



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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)