

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: P1314305

Luminaire Tested: LDSQA3D05R259730DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314305
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: LDSQA3D05R259730DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

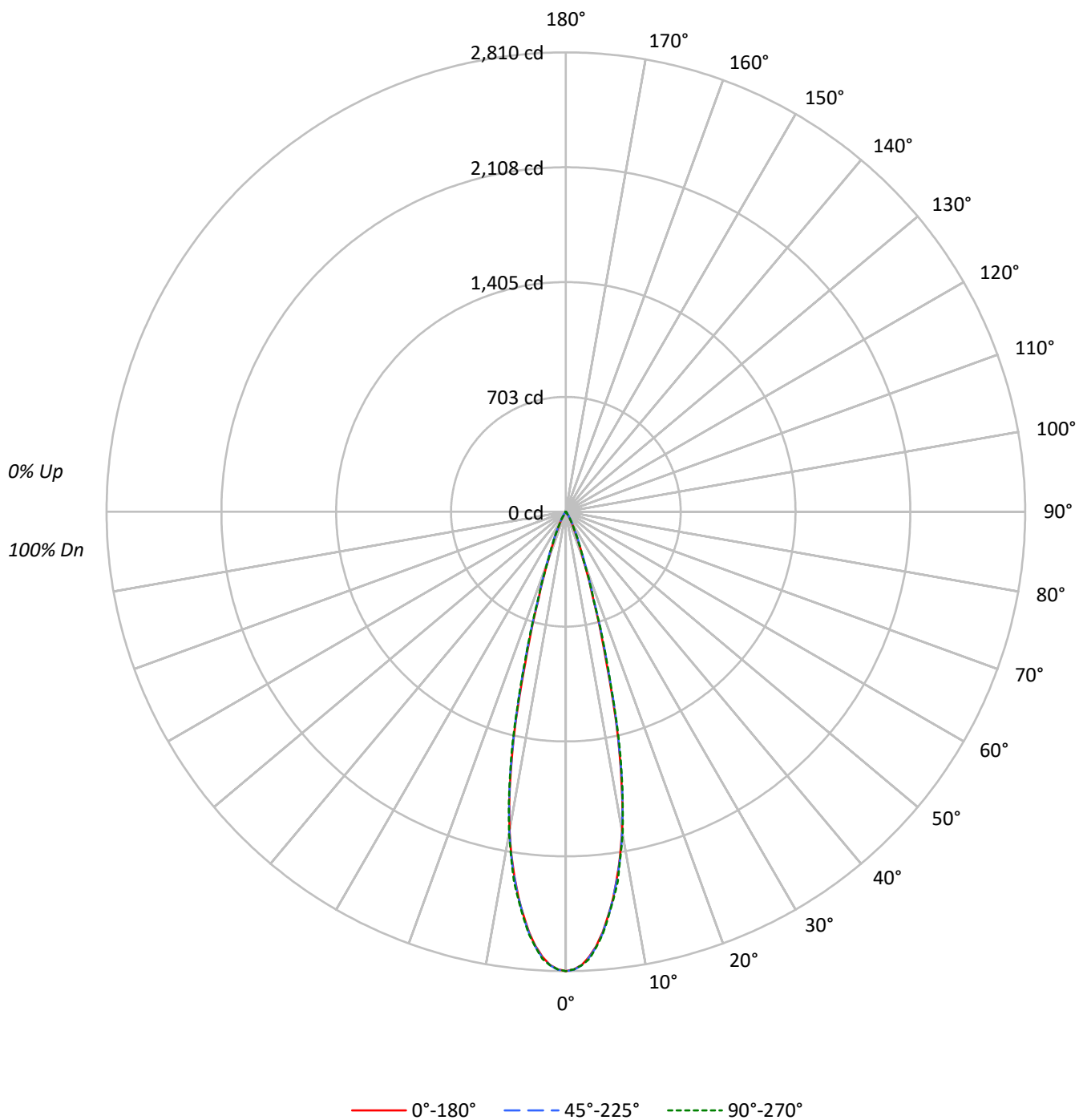
Lumens per Lamp: N/A
Luminaire Lumens: 585.0 lumens
Efficiency: N/A
Efficacy: 81.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	111	110	113	111	110	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	484015	484015	484015
5°	446291	447311	448245
10°	346524	347783	349654
15°	171237	178441	178530
20°	57658	61526	58813
25°	23886	26528	24570
30°	9367	11773	9466
35°	2460	4815	2544
40°	899	1911	899
45°	97	536	97
50°	0	107	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°	227.7	38.9
10°-20°	275.5	47.1
20°-30°	67.3	11.5
30°-40°	13.1	2.2
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°	570.4	97.5
0°-40°	583.5	99.7
0°-60°	585.0	100.0
0°-90°	585.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	585.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2810	2810	2810	2810	2810	
5°	2582	2585	2587	2599	2593	227
15°	960	983	1001	1011	1001	270
25°	126	132	140	134	129	64
35°	12	17	23	17	12	10
45°	0	1	2	1	0	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°	2810.4	2810.4	2810.4	2810.4	2810.4
1°	2799.7	2801.5	2801.9	2804.6	2799.2
2°	2774.1	2774.5	2775.9	2781.3	2776.3
3°	2727.0	2730.1	2730.5	2737.7	2739.1
4°	2662.8	2664.6	2668.2	2680.3	2669.5
5°	2581.5	2585.1	2587.4	2598.6	2592.8
6°	2481.0	2481.9	2486.8	2499.9	2491.8
7°	2378.7	2378.2	2378.7	2389.0	2386.8
8°	2255.3	2253.0	2260.2	2272.8	2281.3
9°	2126.5	2129.6	2134.1	2146.2	2136.3
10°	1981.5	1990.0	1988.7	1989.6	1999.4
11°	1814.5	1817.2	1817.7	1827.1	1825.8
12°	1618.4	1618.4	1633.2	1648.5	1643.5
13°	1420.5	1434.4	1424.5	1427.7	1447.4
14°	1189.8	1200.6	1214.0	1226.6	1216.7
15°	960.4	983.3	1000.8	1010.7	1001.3
17.5°	550.2	557.9	572.7	574.5	568.6
20°	314.6	324.0	335.7	332.1	320.9
22.5°	197.9	200.6	212.3	206.5	203.8
25°	125.7	132.4	139.6	133.7	129.3
27.5°	78.1	82.6	90.2	83.9	79.0
30°	47.1	51.2	59.2	50.7	47.6
32.5°	24.7	30.5	37.3	31.0	24.7
35°	11.7	16.6	22.9	16.6	12.1
37.5°	7.2	9.0	13.9	9.0	7.2
40°	4.0	5.8	8.5	5.8	4.0
42.5°	1.8	3.1	4.0	3.1	2.2
45°	0.4	1.3	2.2	1.3	0.4
47.5°	0.0	0.0	1.3	0.4	0.0
50°	0.0	0.0	0.4	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)