

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: P1319799

Luminaire Tested: LDSQA3D05R259840DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319799
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: LDSQA3D05R259840DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

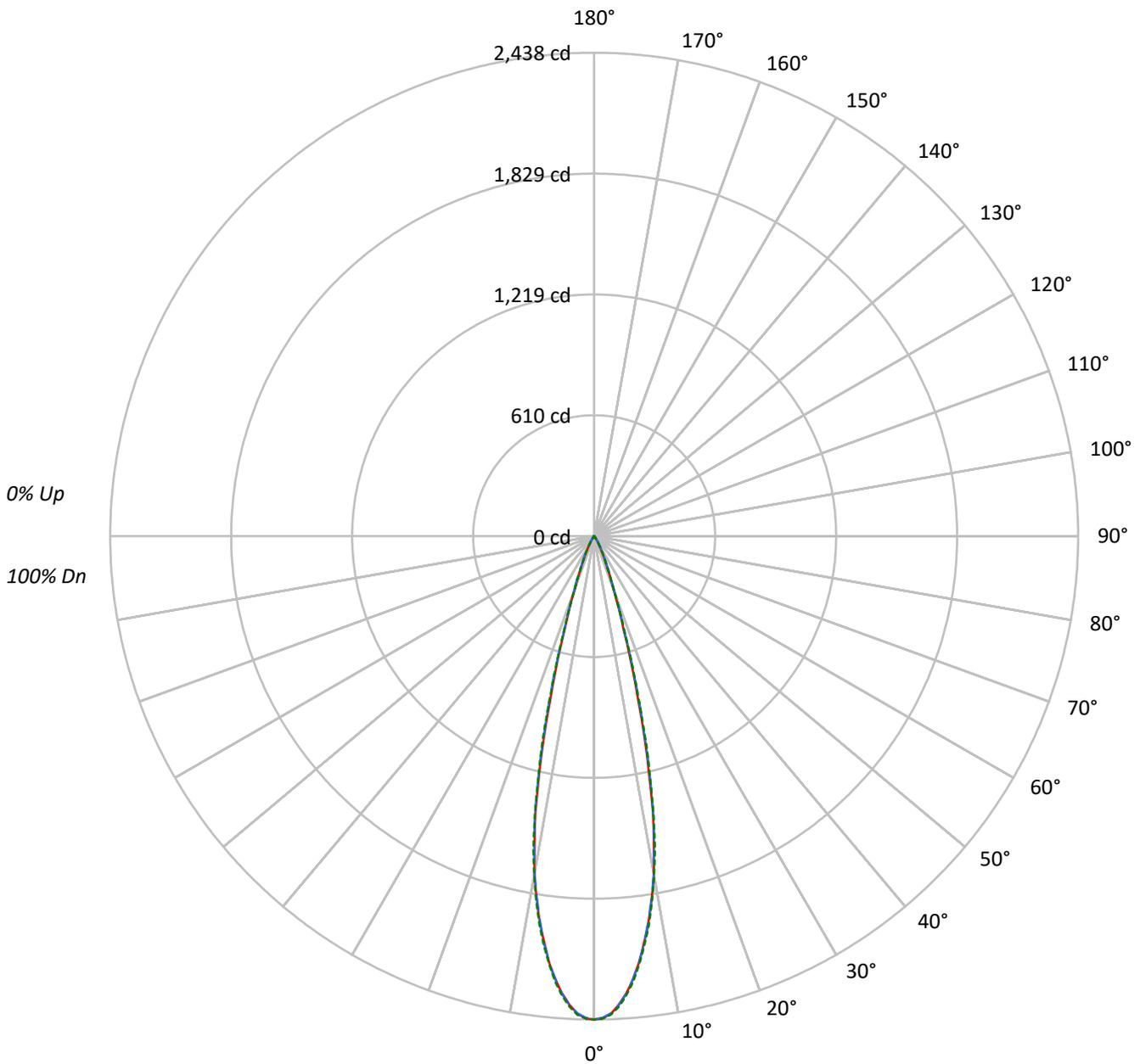
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 515.0 lumens
Efficiency: N/A
Efficacy: 71.5 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): 7.2
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

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	83	80	77	83	80	77	82	79	77	82	79	77	76	76	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	419844	419844	419844
5°	387806	387667	389828
10°	302926	302104	304168
15°	152391	158757	158632
20°	52142	53590	52728
25°	20960	23563	21853
30°	8511	10142	8273
35°	2481	4457	2481
40°	1147	1933	1147
45°	390	755	390
50°	214	322	214
55°	240	240	240
60°	276	276	276
65°	163	163	163
70°	201	201	201
75°	266	266	266
80°	0	397	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 755 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.8	38.4
10°-20°	242.1	47.0
20°-30°	59.1	11.5
30°-40°	12.2	2.4
40°-50°	2.1	0.4
50°-60°	0.7	0.1
60°-70°	0.6	0.1
70°-80°	0.4	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°	499.0	96.9
0°-40°	511.2	99.3
0°-60°	514.1	99.8
0°-90°	515.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	515.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2438	2438	2438	2438	2438	
5°	2243	2245	2242	2247	2255	198
15°	855	869	890	894	890	239
25°	110	115	124	117	115	56
35°	12	16	21	16	12	10
45°	2	2	3	2	2	2
55°	1	1	1	1	1	1
65°	0	1	0	0	0	1
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°	2437.8	2437.8	2437.8	2437.8	2437.8
1°	2433.1	2430.0	2429.2	2429.6	2433.5
2°	2411.1	2409.2	2408.8	2409.9	2415.4
3°	2366.4	2368.7	2369.5	2373.4	2376.2
4°	2311.4	2316.2	2314.2	2318.9	2322.0
5°	2243.2	2245.1	2242.4	2247.1	2254.9
6°	2163.5	2156.4	2163.1	2165.1	2170.6
7°	2064.2	2065.8	2068.1	2070.5	2078.7
8°	1966.5	1961.8	1960.6	1971.6	1978.3
9°	1852.3	1853.1	1848.8	1861.3	1863.3
10°	1732.2	1722.4	1727.5	1737.3	1739.3
11°	1573.7	1570.9	1578.4	1593.7	1605.8
12°	1424.9	1426.5	1434.4	1439.5	1436.7
13°	1228.3	1240.1	1249.9	1255.0	1248.3
14°	1050.5	1050.5	1063.1	1065.1	1089.0
15°	854.7	869.2	890.4	894.4	889.7
17.5°	493.7	495.6	505.8	505.5	512.9
20°	284.5	287.3	292.4	291.2	287.7
22.5°	171.1	177.0	189.2	179.3	176.6
25°	110.3	115.4	124.0	116.9	115.0
27.5°	69.1	72.6	79.3	73.0	69.9
30°	42.8	44.7	51.0	45.1	41.6
32.5°	23.2	28.3	33.4	28.3	23.2
35°	11.8	16.5	21.2	16.1	11.8
37.5°	7.8	9.4	13.7	9.0	7.8
40°	5.1	6.3	8.6	6.3	5.1
42.5°	2.7	3.9	4.7	4.3	2.7
45°	1.6	2.4	3.1	2.4	1.6
47.5°	1.2	1.2	2.0	1.2	0.8
50°	0.8	0.8	1.2	0.8	0.8
52.5°	0.8	0.8	0.8	0.8	0.8
55°	0.8	0.8	0.8	0.8	0.8
57.5°	0.8	0.8	0.8	0.8	0.8
60°	0.8	0.8	0.8	0.8	0.8
62.5°	0.8	0.8	0.8	0.8	0.8
65°	0.4	0.8	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4
80°	0.0	0.0	0.4	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)