

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: P1310056

Luminaire Tested: LDSQA3D05R359035DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310056
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359035DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

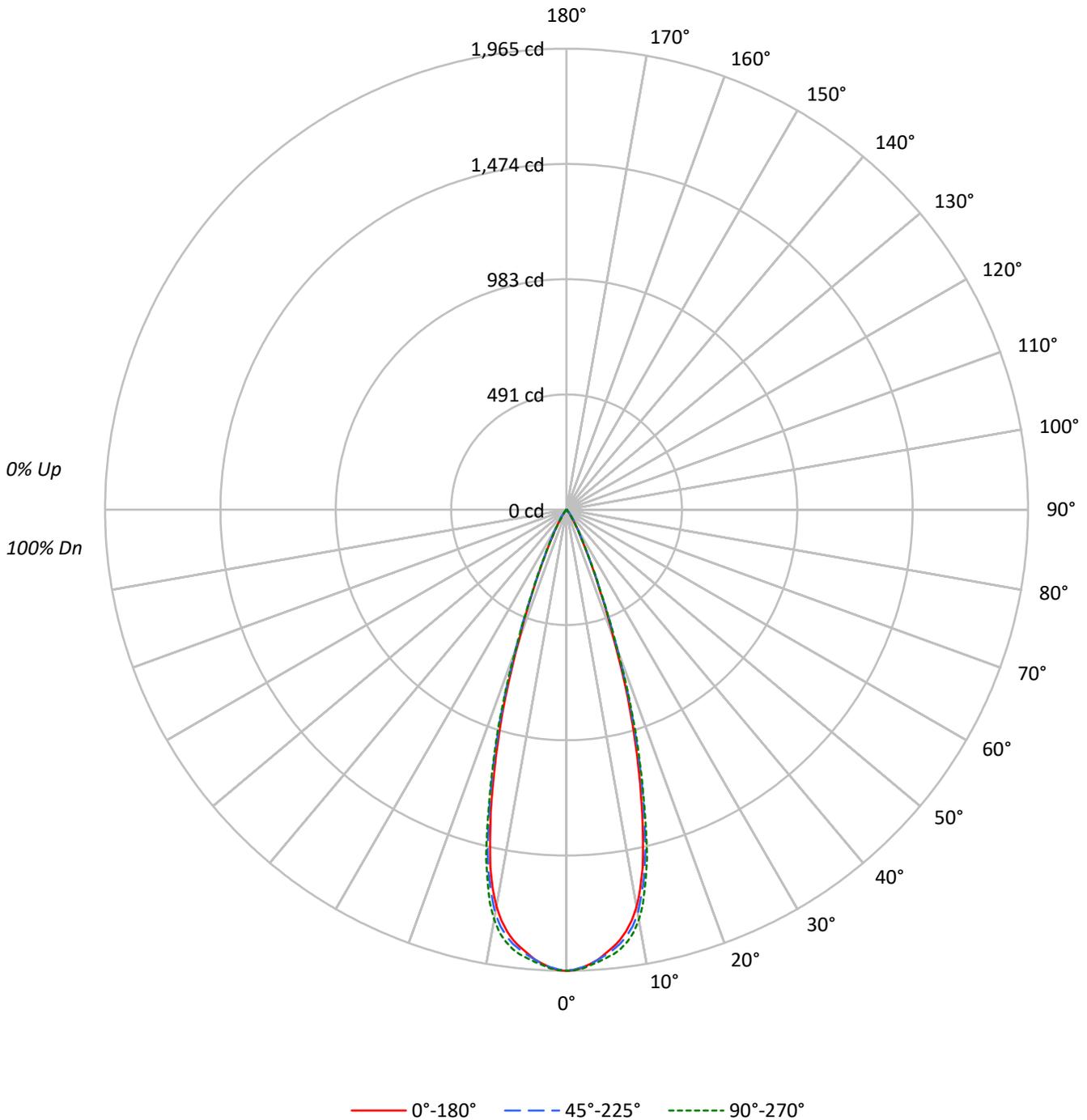
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 659.9 lumens
Efficiency: N/A
Efficacy: 91.7 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
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





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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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	77
8	91	84	80	77	90	84	80	77	83	79	76	82	78	76	81	78	76	81	78	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	338383	338383	338383
5°	328369	329528	331758
10°	300373	305602	310289
15°	215616	223514	225814
20°	108462	114785	115060
25°	41103	42376	42566
30°	16685	19151	16387
35°	6055	9209	5845
40°	2540	3934	2428
45°	633	1632	633
50°	402	697	402
55°	450	450	450
60°	517	517	517
65°	408	408	408
70°	252	252	252
75°	333	333	333
80°	496	496	496
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1632 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.6	26.9
10°-20°	331.0	50.2
20°-30°	119.0	18.0
30°-40°	25.0	3.8
40°-50°	4.3	0.7
50°-60°	1.4	0.2
60°-70°	1.0	0.1
70°-80°	0.5	0.1
80°-90°	0.1	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°	627.6	95.1
0°-40°	652.6	98.9
0°-60°	658.3	99.8
0°-90°	659.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	659.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1965	1965	1965	1965	1965	
5°	1899	1903	1906	1919	1919	176
15°	1209	1230	1254	1267	1266	322
25°	216	219	223	225	224	115
35°	29	34	44	34	28	22
45°	3	4	7	4	3	3
55°	2	2	2	2	2	1
65°	1	1	1	1	1	1
75°	0	0	0	0	0	1
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°	1964.8	1964.8	1964.8	1964.8	1964.8
1°	1963.8	1963.8	1959.7	1964.3	1962.8
2°	1953.0	1954.0	1951.4	1957.1	1956.6
3°	1938.0	1940.6	1938.6	1946.8	1944.2
4°	1922.1	1924.1	1923.1	1933.4	1932.4
5°	1899.4	1903.0	1906.1	1919.0	1919.0
6°	1876.2	1879.8	1886.5	1900.5	1905.1
7°	1849.5	1854.1	1864.9	1883.5	1886.5
8°	1815.5	1820.6	1835.6	1855.6	1859.8
9°	1773.2	1781.0	1798.0	1822.2	1824.7
10°	1717.6	1723.8	1747.5	1767.6	1774.3
11°	1645.5	1650.7	1671.8	1704.2	1708.3
12°	1558.0	1564.1	1591.4	1612.6	1616.7
13°	1447.2	1459.1	1492.0	1512.6	1524.0
14°	1333.4	1349.4	1373.1	1402.4	1395.2
15°	1209.3	1230.4	1253.6	1267.0	1266.5
17.5°	904.9	917.3	937.9	945.6	955.9
20°	591.8	607.7	626.3	633.5	627.8
22.5°	367.2	371.3	377.0	380.1	379.1
25°	216.3	219.4	223.0	225.1	224.0
27.5°	130.3	137.5	142.7	136.5	132.9
30°	83.9	87.0	96.3	88.1	82.4
32.5°	50.0	57.2	64.9	55.1	47.9
35°	28.8	34.0	43.8	33.5	27.8
37.5°	18.5	21.1	28.3	20.6	18.0
40°	11.3	14.4	17.5	13.4	10.8
42.5°	5.7	8.8	10.3	7.7	5.7
45°	2.6	4.1	6.7	4.1	2.6
47.5°	1.5	2.1	4.1	2.1	1.5
50°	1.5	1.5	2.6	1.5	1.5
52.5°	1.5	1.5	1.5	1.5	1.5
55°	1.5	1.5	1.5	1.5	1.5
57.5°	1.5	1.5	1.5	1.5	1.5
60°	1.5	1.5	1.5	1.5	1.5
62.5°	1.0	1.0	1.0	1.0	1.0
65°	1.0	1.0	1.0	1.0	1.0
67.5°	1.0	1.0	1.0	1.0	1.0
70°	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	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)