

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: P1314339

Luminaire Tested: LDSQA3D05R359730DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314339
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359730DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

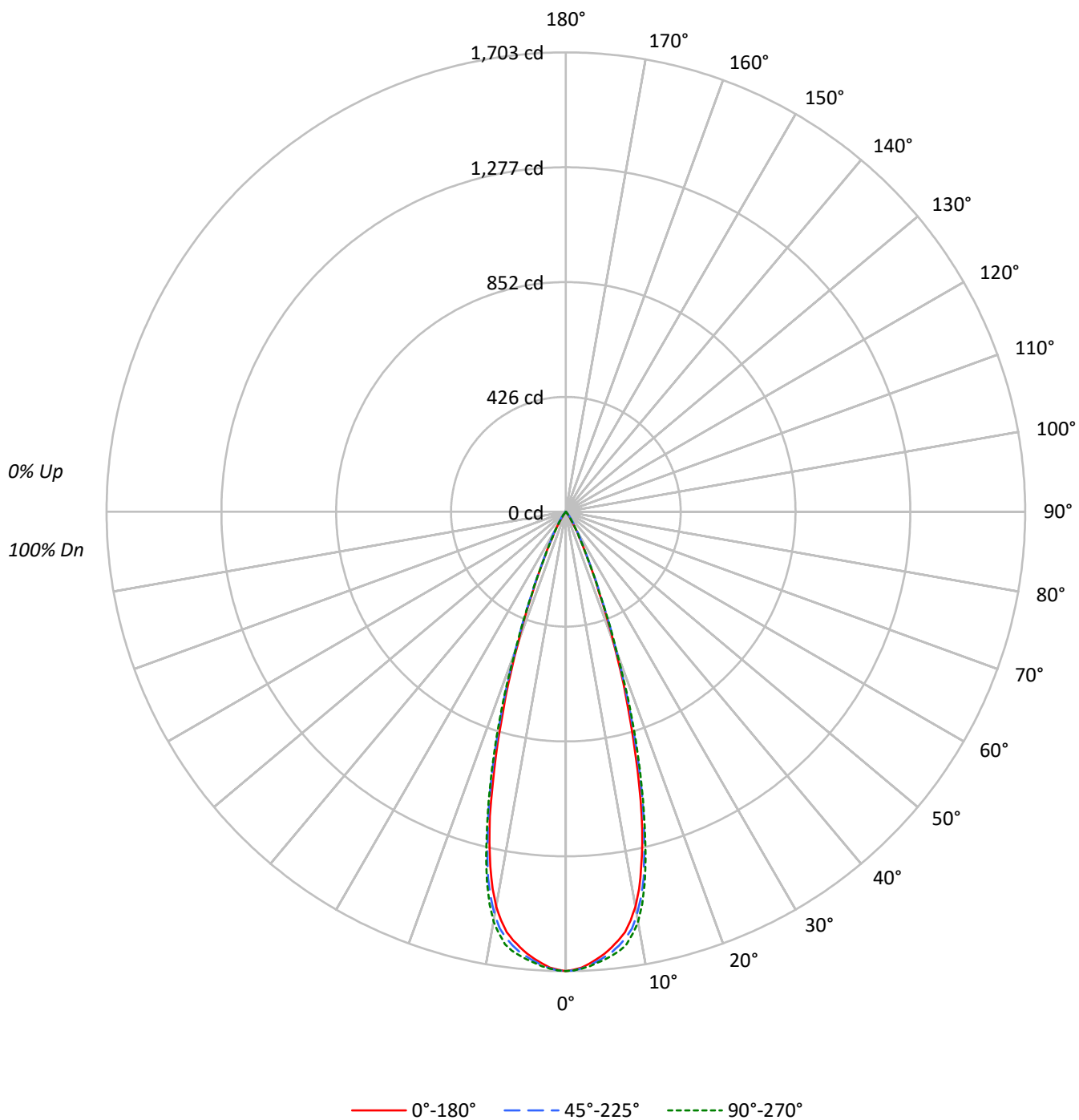
Lumens per Lamp: N/A
Luminaire Lumens: 567.0 lumens
Efficiency: N/A
Efficacy: 78.7 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
Input Voltage (V): NR
Input Current (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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	88	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	293278	293278	293278
5°	284388	286411	287967
10°	259871	265380	269926
15°	186892	195058	196663
20°	95138	99922	100160
25°	36105	36865	35839
30°	14020	16247	13662
35°	4815	7548	4541
40°	1619	2923	1506
45°	97	974	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: 974 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.2	27.2
10°-20°	287.2	50.7
20°-30°	103.2	18.2
30°-40°	20.2	3.6
40°-50°	2.2	0.4
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°	544.6	96.1
0°-40°	564.7	99.6
0°-60°	567.0	100.0
0°-90°	567.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	567.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1703	1703	1703	1703	1703	
5°	1645	1650	1657	1664	1666	152
15°	1048	1066	1094	1102	1103	279
25°	190	192	194	193	189	100
35°	23	26	36	26	22	17
45°	0	1	4	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°	1702.9	1702.9	1702.9	1702.9	1702.9
1°	1698.0	1700.3	1700.7	1703.8	1700.3
2°	1690.8	1692.2	1694.0	1696.7	1694.9
3°	1676.9	1679.6	1683.6	1687.2	1687.2
4°	1662.1	1665.7	1670.6	1676.9	1676.4
5°	1645.0	1649.5	1656.7	1664.3	1665.7
6°	1623.5	1628.8	1640.5	1651.3	1653.1
7°	1600.6	1608.6	1619.9	1635.6	1639.6
8°	1573.6	1579.9	1596.1	1614.5	1619.0
9°	1534.1	1543.5	1564.2	1581.2	1583.9
10°	1486.0	1492.8	1517.5	1535.4	1543.5
11°	1424.1	1433.9	1458.2	1476.6	1482.0
12°	1345.0	1359.4	1387.7	1401.2	1405.6
13°	1259.7	1271.8	1293.8	1310.4	1314.0
14°	1163.6	1175.3	1198.2	1211.6	1208.5
15°	1048.2	1065.7	1094.0	1101.6	1103.0
17.5°	774.2	785.5	810.6	822.7	831.3
20°	519.1	529.9	545.2	553.3	546.5
22.5°	315.7	324.7	332.8	332.3	330.1
25°	190.0	191.8	194.0	192.7	188.6
27.5°	110.9	115.9	122.6	118.1	111.4
30°	70.5	74.5	81.7	74.1	68.7
32.5°	37.3	47.2	54.8	44.5	39.1
35°	22.9	26.0	35.9	26.5	21.6
37.5°	13.9	16.2	22.5	15.7	12.6
40°	7.2	10.3	13.0	9.4	6.7
42.5°	2.2	4.9	7.2	4.5	2.2
45°	0.4	1.3	4.0	1.3	0.4
47.5°	0.0	0.0	1.8	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)