

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: P1326600

Luminaire Tested: LDSQA3D09R35W2N902765DE010 3LSQPHR1MB_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326600
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R35W2N902765DE010 3LSQPHR1MB_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

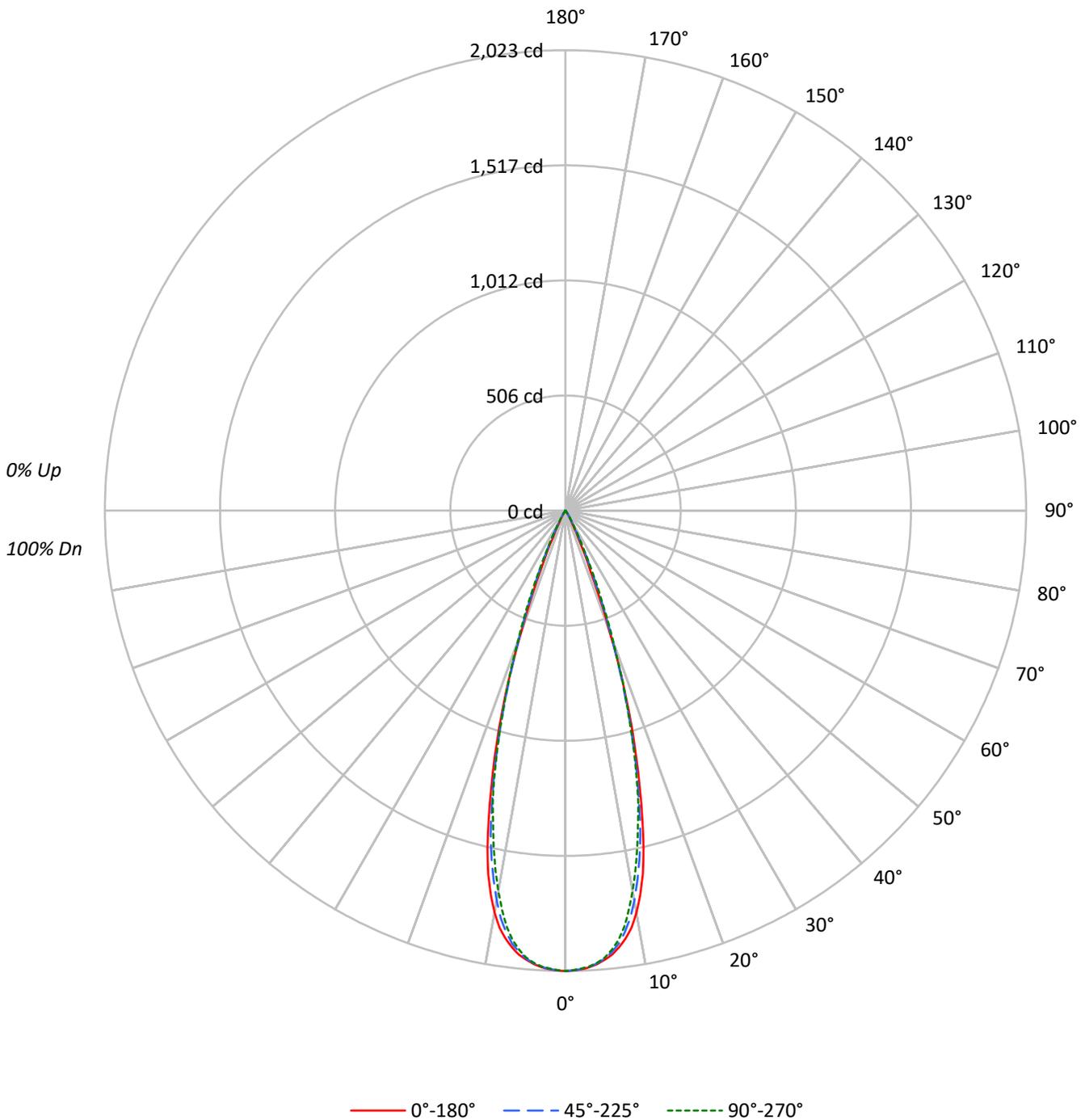
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 614.0 lumens
Efficiency: N/A
Efficacy: 68.2 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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									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	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	99	98	97	96	95	94	93	92	91	90	89	88	87															
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85																
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	82																
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79																
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76																
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83	82	81	80	79	78	77	76	75	74	73																
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	81	80	79	78	77	76	75	74	73	72	71	70																
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	79	78	77	76	75	74	73	72	71	70	69	68																
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77	76	75	74	73	72	71	70	69	68	67	66	65																
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75	74	73	72	71	70	69	68	67	66	65	64	63																
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	72	71	70	69	68	67	66	65	64	63	62	61																

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	348389	348389	348389
5°	342407	341681	340938
10°	313804	304378	296980
15°	224709	217541	214903
20°	104192	107784	111560
25°	24722	35174	36675
30°	7259	8313	9367
35°	1661	2670	2439
40°	360	719	472
45°	122	122	122
50°	134	0	134
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: 0°

Vertical Angle: 52.5°

Luminance: 141 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.6	29.6
10°-20°	324.7	52.9
20°-30°	97.7	15.9
30°-40°	9.3	1.5
40°-50°	0.6	0.1
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
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0°-30°	604.0	98.4
0°-40°	613.3	99.9
0°-60°	614.0	100.0
0°-90°	614.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	614.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2023	2023	2023	2023	2023	
5°	1981	1980	1976	1974	1972	184
15°	1260	1251	1220	1215	1205	333
25°	130	143	185	193	193	84
35°	8	11	13	14	12	7
45°	0	0	0	0	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	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2022.9	2022.9	2022.9	2022.9	2022.9
1°	2021.9	2021.9	2020.8	2020.8	2018.7
2°	2017.1	2017.6	2015.5	2015.0	2013.4
3°	2009.7	2008.1	2008.1	2007.1	2006.0
4°	1998.1	1994.9	1993.8	1994.4	1992.2
5°	1980.6	1980.1	1976.4	1973.7	1972.1
6°	1961.6	1957.9	1949.9	1943.1	1941.5
7°	1933.0	1925.1	1918.2	1903.9	1901.8
8°	1898.1	1885.4	1870.6	1850.5	1849.4
9°	1855.3	1834.6	1814.0	1787.0	1777.5
10°	1794.4	1775.4	1740.5	1716.7	1698.2
11°	1718.8	1695.0	1654.3	1625.7	1610.4
12°	1633.1	1610.9	1563.3	1537.4	1515.7
13°	1523.1	1504.6	1460.2	1431.6	1414.7
14°	1395.7	1381.9	1339.6	1326.9	1321.1
15°	1260.3	1250.8	1220.1	1214.8	1205.3
17.5°	927.6	911.8	894.3	897.5	900.7
20°	568.5	590.7	588.1	599.7	608.7
22.5°	283.5	312.0	345.4	365.4	375.5
25°	130.1	143.3	185.1	193.0	193.0
27.5°	65.6	68.8	87.3	88.8	93.1
30°	36.5	39.1	41.8	46.5	47.1
32.5°	18.5	21.7	22.7	25.4	24.3
35°	7.9	10.6	12.7	13.8	11.6
37.5°	3.7	4.8	6.9	6.3	4.8
40°	1.6	2.1	3.2	2.6	2.1
42.5°	1.1	1.1	1.6	1.1	1.1
45°	0.5	0.5	0.5	0.5	0.5
47.5°	0.5	0.5	0.0	0.5	0.5
50°	0.5	0.0	0.0	0.0	0.5
52.5°	0.5	0.0	0.0	0.0	0.5
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)