

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: P1326493

Luminaire Tested: LDSQA3D09R35W2N902750DE010 3LSQCDR1MB_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326493
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: LDSQA3D09R35W2N902750DE010 3LSQCDR1MB_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

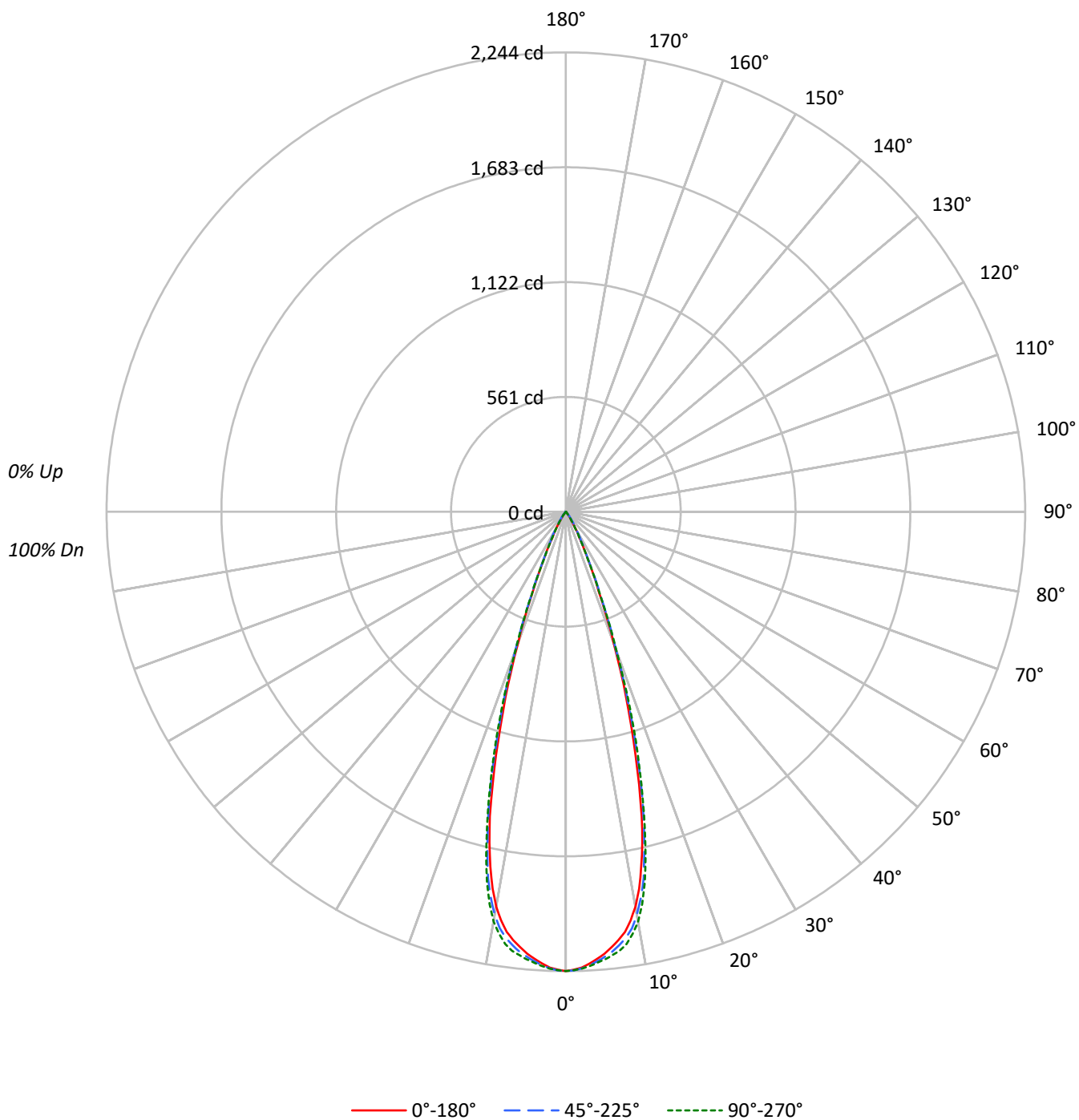
Lumens per Lamp: N/A
Luminaire Lumens: 747.0 lumens
Efficiency: N/A
Efficacy: 83.0 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1326493

CATALOG NUMBER: LDSQA3D09R35W2N902750DE010 3LSQCDR1MB_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1326493

CATALOG NUMBER: LDSQA3D09R35W2N902750DE010 3LSQCDR1MB_3500K

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	87	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	65

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	386399	386399	386399
5°	374667	377329	379386
10°	342379	349619	355617
15°	246212	256981	259085
20°	125360	131647	131958
25°	47564	48571	47222
30°	18475	21418	17997
35°	6349	9945	5971
40°	2136	3867	2001
45°	146	1291	146
50°	0	161	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: 1291 cd/sqm

TEST NUMBER: P1326493

CATALOG NUMBER: LDSQA3D09R35W2N902750DE010 3LSQCDR1MB_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	203.1	27.2
10°-20°	378.4	50.7
20°-30°	136.0	18.2
30°-40°	26.5	3.6
40°-50°	3.0	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°	717.5	96.0
0°-40°	744.0	99.6
0°-60°	747.0	100.0
0°-90°	747.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	747.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2244	2244	2244	2244	2244	
5°	2167	2173	2183	2193	2194	201
15°	1381	1404	1441	1451	1453	367
25°	250	253	256	254	248	131
35°	30	34	47	35	28	22
45°	1	2	5	2	1	2
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	

TEST NUMBER: P1326493

CATALOG NUMBER: LDSQA3D09R35W2N902750DE010 3LSQCDR1MB_3500K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2243.6	2243.6	2243.6	2243.6	2243.6
1°	2237.1	2240.0	2240.6	2244.7	2240.0
2°	2227.6	2229.4	2231.7	2235.3	2232.9
3°	2209.2	2212.8	2218.1	2222.9	2222.9
4°	2189.7	2194.5	2201.0	2209.2	2208.7
5°	2167.2	2173.2	2182.6	2192.7	2194.5
6°	2138.8	2145.9	2161.3	2175.5	2177.9
7°	2108.7	2119.3	2134.1	2154.8	2160.1
8°	2073.2	2081.4	2102.7	2127.0	2132.9
9°	2021.1	2033.5	2060.7	2083.2	2086.8
10°	1957.8	1966.7	1999.2	2022.9	2033.5
11°	1876.1	1889.2	1921.1	1945.4	1952.5
12°	1772.0	1790.9	1828.2	1846.0	1851.9
13°	1659.6	1675.6	1704.6	1726.5	1731.2
14°	1533.0	1548.4	1578.5	1596.3	1592.1
15°	1380.9	1404.0	1441.3	1451.3	1453.1
17.5°	1020.0	1034.8	1067.9	1083.9	1095.2
20°	684.0	698.2	718.3	728.9	720.0
22.5°	415.9	427.8	438.4	437.8	434.9
25°	250.3	252.6	255.6	253.8	248.5
27.5°	146.1	152.6	161.5	155.6	146.7
30°	92.9	98.2	107.7	97.6	90.5
32.5°	49.1	62.1	72.2	58.6	51.5
35°	30.2	34.3	47.3	34.9	28.4
37.5°	18.3	21.3	29.6	20.7	16.6
40°	9.5	13.6	17.2	12.4	8.9
42.5°	3.0	6.5	9.5	5.9	3.0
45°	0.6	1.8	5.3	1.8	0.6
47.5°	0.0	0.0	2.4	0.6	0.0
50°	0.0	0.0	0.6	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



TEST NUMBER: P1326493

CATALOG NUMBER: LDSQA3D09R35W2N902750DE010 3LSQCDR1MB_3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)