

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: P1324902

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324902
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: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

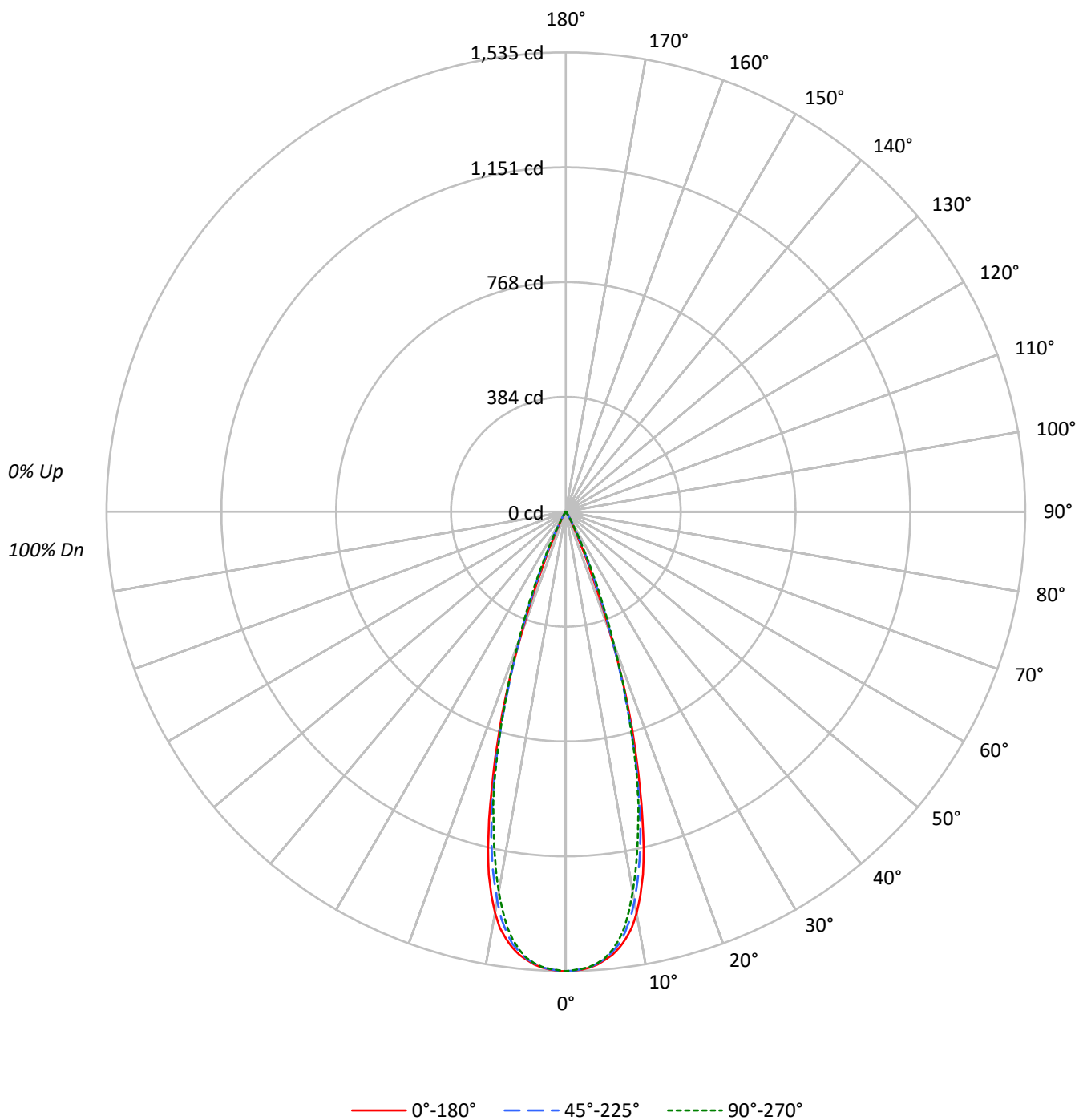
Lumens per Lamp: N/A
Luminaire Lumens: 466.0 lumens
Efficiency: N/A
Efficacy: 79.0 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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: P1324902

CATALOG NUMBER: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1324902

CATALOG NUMBER: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_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	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93	92	91
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90	89	87
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87	85	83
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	83	81
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	80	78
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	79	77	75
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	76	74	72
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	74	72	70
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	72	70	68

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	264413	264413	264413
5°	259874	259321	258768
10°	238168	231016	225402
15°	170542	165104	163107
20°	79083	81796	84673
25°	18756	26699	27839
30°	5509	6304	7100
35°	1261	2018	1850
40°	270	540	360
45°	97	97	97
50°	107	0	107
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: 113 cd/sqm

TEST NUMBER: P1324902

CATALOG NUMBER: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.8	29.6
10°-20°	246.4	52.9
20°-30°	74.1	15.9
30°-40°	7.1	1.5
40°-50°	0.5	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
0°-30°	458.4	98.4
0°-40°	465.5	99.9
0°-60°	466.0	100.0
0°-90°	466.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	466.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1535	1535	1535	1535	1535	
5°	1503	1503	1500	1498	1497	139
15°	956	949	926	922	915	253
25°	99	109	140	146	146	64
35°	6	8	10	10	9	6
45°	0	0	0	0	0	0
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: P1324902

CATALOG NUMBER: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_3500K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1535.3	1535.3	1535.3	1535.3	1535.3
1°	1534.5	1534.5	1533.7	1533.7	1532.1
2°	1530.9	1531.3	1529.7	1529.3	1528.1
3°	1525.3	1524.1	1524.1	1523.3	1522.5
4°	1516.4	1514.0	1513.2	1513.6	1512.0
5°	1503.2	1502.8	1500.0	1498.0	1496.8
6°	1488.7	1485.9	1479.9	1474.7	1473.5
7°	1467.1	1461.1	1455.8	1445.0	1443.4
8°	1440.6	1430.9	1419.7	1404.5	1403.7
9°	1408.1	1392.4	1376.8	1356.3	1349.1
10°	1361.9	1347.5	1321.0	1302.9	1288.9
11°	1304.5	1286.4	1255.5	1233.9	1222.2
12°	1239.5	1222.6	1186.5	1166.8	1150.4
13°	1156.0	1141.9	1108.2	1086.6	1073.7
14°	1059.3	1048.8	1016.7	1007.1	1002.7
15°	956.5	949.3	926.0	922.0	914.8
17.5°	704.0	692.0	678.7	681.2	683.6
20°	431.5	448.4	446.3	455.2	462.0
22.5°	215.1	236.8	262.1	277.4	285.0
25°	98.7	108.8	140.5	146.5	146.5
27.5°	49.8	52.2	66.2	67.4	70.6
30°	27.7	29.7	31.7	35.3	35.7
32.5°	14.0	16.5	17.3	19.3	18.5
35°	6.0	8.0	9.6	10.4	8.8
37.5°	2.8	3.6	5.2	4.8	3.6
40°	1.2	1.6	2.4	2.0	1.6
42.5°	0.8	0.8	1.2	0.8	0.8
45°	0.4	0.4	0.4	0.4	0.4
47.5°	0.4	0.4	0.0	0.4	0.4
50°	0.4	0.0	0.0	0.0	0.4
52.5°	0.4	0.0	0.0	0.0	0.4
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: P1324902

CATALOG NUMBER: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_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)