

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: P1324904

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324904
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

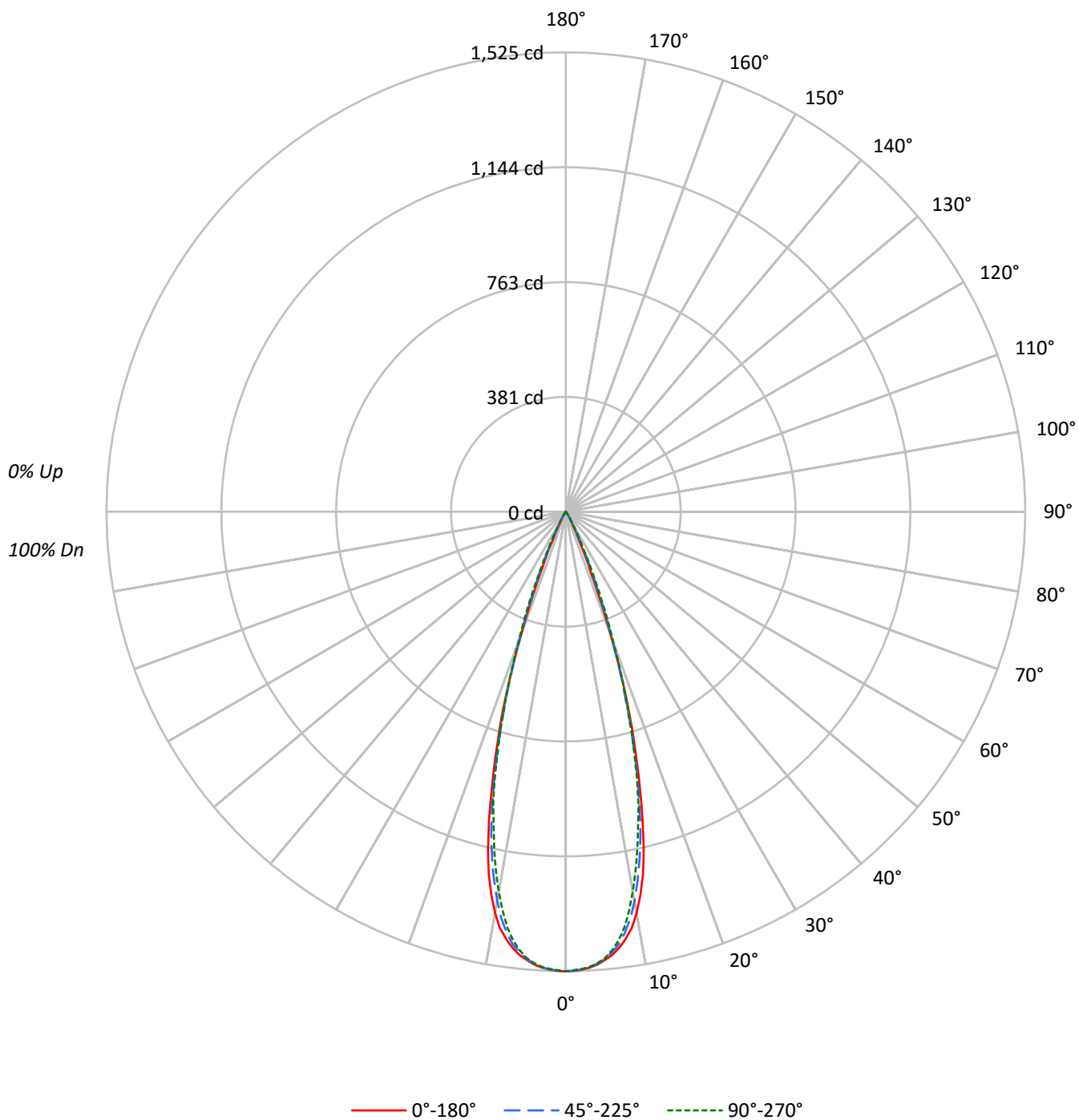
Lumens per Lamp: N/A
Luminaire Lumens: 463.0 lumens
Efficiency: N/A
Efficacy: 78.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1324904

CATALOG NUMBER: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1324904

CATALOG NUMBER: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_5000K

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	94	93	92
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	91	90	89
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	88	87	86
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	81	80
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	79	78
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77	76	75
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75	74	73
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	262708	262708	262708
5°	258197	257644	257091
10°	236629	229529	223951
15°	169437	164034	162055
20°	78570	81283	84123
25°	18642	26528	27668
30°	5469	6264	7060
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: P1324904

CATALOG NUMBER: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.0	29.6
10°-20°	244.8	52.9
20°-30°	73.7	15.9
30°-40°	7.0	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°	455.4	98.4
0°-40°	462.5	99.9
0°-60°	463.0	100.0
0°-90°	463.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	463.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1525	1525	1525	1525	1525	
5°	1494	1493	1490	1488	1487	138
15°	950	943	920	916	909	251
25°	98	108	140	146	146	63
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: P1324904

CATALOG NUMBER: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_5000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1525.4	1525.4	1525.4	1525.4	1525.4
1°	1524.6	1524.6	1523.8	1523.8	1522.2
2°	1521.0	1521.4	1519.8	1519.4	1518.2
3°	1515.5	1514.3	1514.3	1513.5	1512.7
4°	1506.7	1504.3	1503.5	1503.9	1502.3
5°	1493.5	1493.1	1490.3	1488.3	1487.1
6°	1479.2	1476.4	1470.4	1465.2	1464.0
7°	1457.6	1451.6	1446.5	1435.7	1434.1
8°	1431.3	1421.7	1410.6	1395.4	1394.6
9°	1399.0	1383.5	1367.9	1347.6	1340.4
10°	1353.1	1338.8	1312.5	1294.5	1280.6
11°	1296.1	1278.2	1247.5	1225.9	1214.4
12°	1231.5	1214.8	1178.9	1159.3	1143.0
13°	1148.6	1134.6	1101.1	1079.6	1066.8
14°	1052.4	1042.1	1010.2	1000.6	996.2
15°	950.3	943.2	920.0	916.1	908.9
17.5°	699.5	687.5	674.4	676.8	679.2
20°	428.7	445.5	443.5	452.2	459.0
22.5°	213.8	235.3	260.4	275.6	283.2
25°	98.1	108.1	139.6	145.6	145.6
27.5°	49.5	51.8	65.8	67.0	70.2
30°	27.5	29.5	31.5	35.1	35.5
32.5°	14.0	16.4	17.1	19.1	18.3
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: P1324904

CATALOG NUMBER: LDSQA3D05R35W2N902750DE010 3LSQPHR1MB_5000K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)