

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: P1324889

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQCDR1MB_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324889
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: LDSQA3D05R35W2N902750DE010 3LSQCDR1MB_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

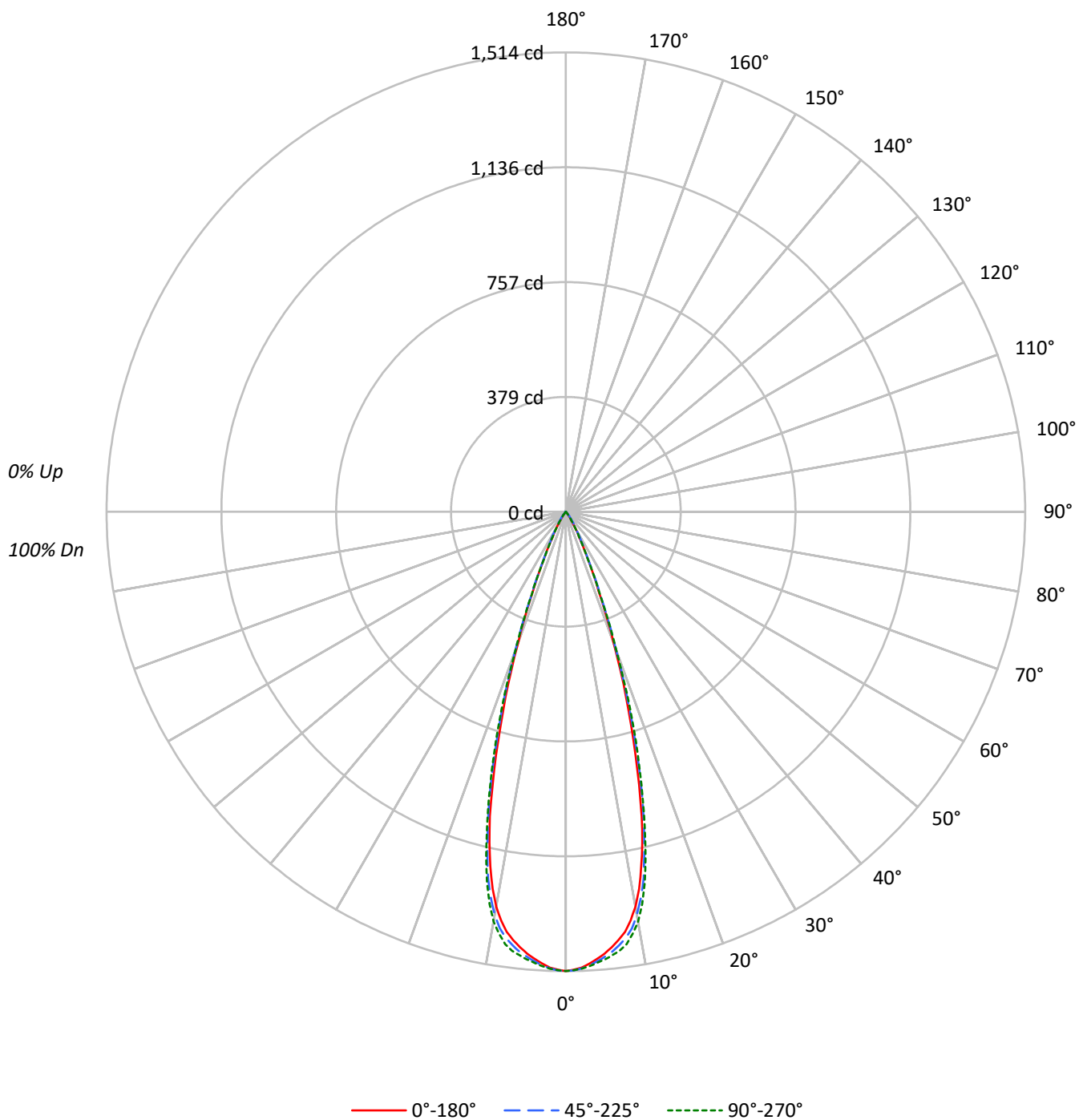
Lumens per Lamp: N/A
Luminaire Lumens: 504.0 lumens
Efficiency: N/A
Efficacy: 85.4 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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	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°	260693	260693	260693
5°	252786	254584	255967
10°	230998	235895	239935
15°	166120	173377	174803
20°	84582	88815	89035
25°	32096	32780	31867
30°	12469	14458	12151
35°	4289	6707	4037
40°	1439	2608	1349
45°	97	877	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: 877 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.0	27.2
10°-20°	255.3	50.7
20°-30°	91.8	18.2
30°-40°	17.9	3.6
40°-50°	2.0	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°	484.1	96.0
0°-40°	502.0	99.6
0°-60°	504.0	100.0
0°-90°	504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	504.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1514	1514	1514	1514	1514	
5°	1462	1466	1473	1479	1481	135
15°	932	947	972	979	980	248
25°	169	170	172	171	168	89
35°	20	23	32	24	19	15
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°	1513.7	1513.7	1513.7	1513.7	1513.7
1°	1509.3	1511.3	1511.7	1514.5	1511.3
2°	1503.0	1504.1	1505.7	1508.1	1506.5
3°	1490.6	1493.0	1496.6	1499.8	1499.8
4°	1477.4	1480.6	1485.0	1490.6	1490.2
5°	1462.2	1466.2	1472.6	1479.4	1480.6
6°	1443.1	1447.9	1458.2	1467.8	1469.4
7°	1422.7	1429.9	1439.9	1453.9	1457.4
8°	1398.8	1404.4	1418.7	1435.1	1439.1
9°	1363.6	1372.0	1390.4	1405.5	1407.9
10°	1320.9	1326.9	1348.9	1364.8	1372.0
11°	1265.8	1274.6	1296.2	1312.5	1317.3
12°	1195.6	1208.3	1233.5	1245.5	1249.5
13°	1119.7	1130.5	1150.1	1164.8	1168.0
14°	1034.3	1044.7	1065.0	1077.0	1074.2
15°	931.7	947.3	972.4	979.2	980.4
17.5°	688.2	698.2	720.5	731.3	738.9
20°	461.5	471.0	484.6	491.8	485.8
22.5°	280.6	288.6	295.8	295.4	293.4
25°	168.9	170.5	172.5	171.3	167.7
27.5°	98.6	103.0	109.0	105.0	99.0
30°	62.7	66.3	72.7	65.9	61.1
32.5°	33.1	41.9	48.7	39.5	34.7
35°	20.4	23.2	31.9	23.6	19.2
37.5°	12.4	14.4	20.0	14.0	11.2
40°	6.4	9.2	11.6	8.4	6.0
42.5°	2.0	4.4	6.4	4.0	2.0
45°	0.4	1.2	3.6	1.2	0.4
47.5°	0.0	0.0	1.6	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)