

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: P1324896

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQCDR1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324896
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R35W2N902750DE010 3LSQCDR1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

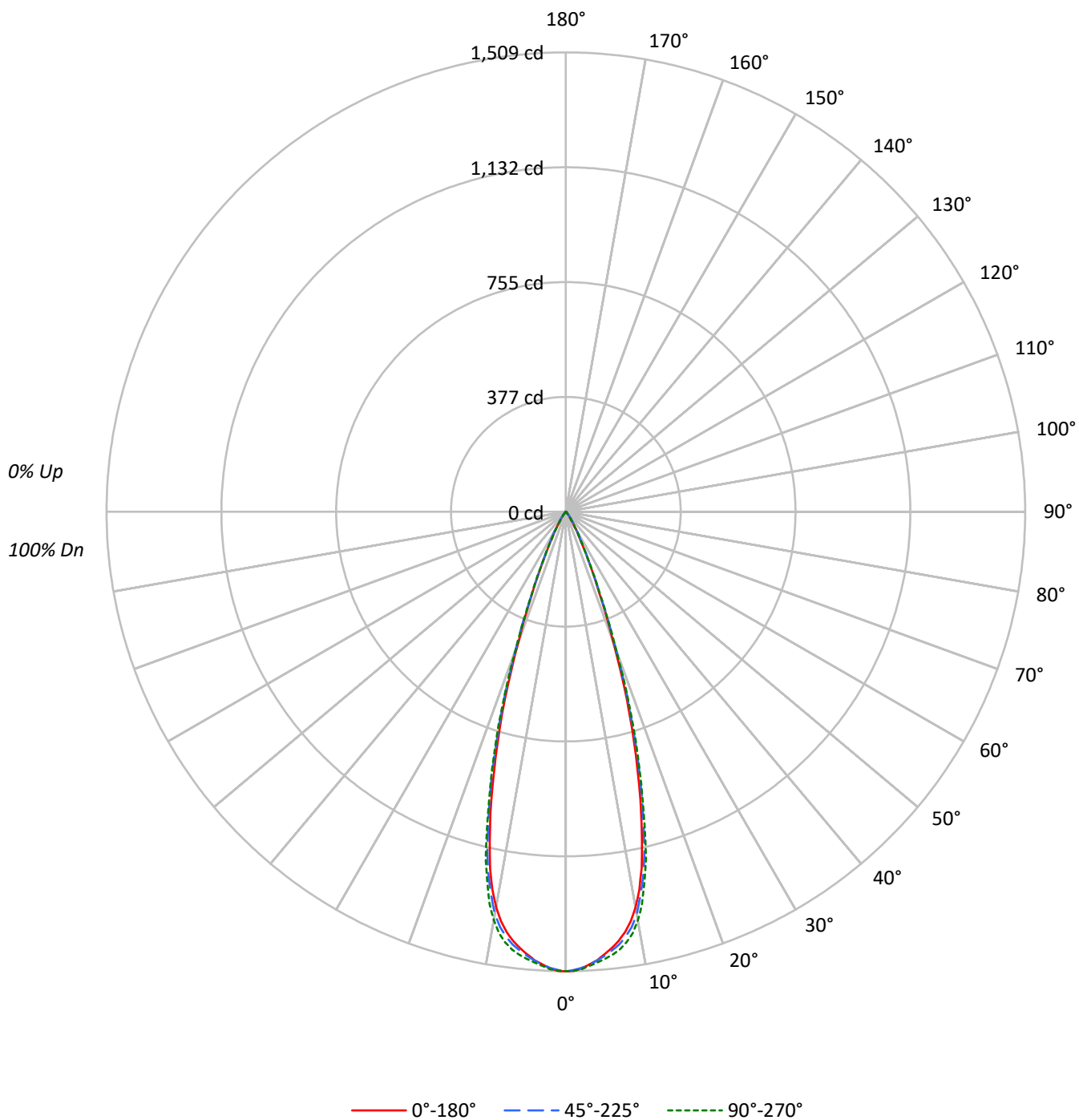
Lumens per Lamp: N/A
Luminaire Lumens: 507.0 lumens
Efficiency: N/A
Efficacy: 85.9 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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		
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96		
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93		
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89		
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86		
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	83		
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	80		
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	77		
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	75		
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	72		
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	70		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	259936	259936	259936
5°	252250	253132	254843
10°	230736	234758	238361
15°	165621	171701	173466
20°	83317	88174	88394
25°	31582	32552	32704
30°	12827	14716	12588
35°	4667	7064	4499
40°	1956	3035	1866
45°	487	1242	487
50°	322	536	322
55°	360	360	360
60°	413	413	413
65°	326	326	326
70°	201	201	201
75°	266	266	266
80°	397	397	397
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1242 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.5	26.9
10°-20°	254.2	50.1
20°-30°	91.4	18.0
30°-40°	19.2	3.8
40°-50°	3.3	0.7
50°-60°	1.1	0.2
60°-70°	0.8	0.2
70°-80°	0.4	0.1
80°-90°	0.1	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°	482.1	95.1
0°-40°	501.3	98.9
0°-60°	505.8	99.7
0°-90°	507.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	507.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1509	1509	1509	1509	1509	
5°	1459	1462	1464	1474	1474	135
15°	929	945	963	973	973	247
25°	166	168	171	173	172	88
35°	22	26	34	26	21	17
45°	2	3	5	3	2	2
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
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°	1509.3	1509.3	1509.3	1509.3	1509.3
1°	1508.6	1508.6	1505.4	1509.0	1507.8
2°	1500.2	1501.0	1499.1	1503.4	1503.0
3°	1488.8	1490.8	1489.2	1495.5	1493.5
4°	1476.5	1478.1	1477.3	1485.2	1484.4
5°	1459.1	1461.9	1464.2	1474.1	1474.1
6°	1441.3	1444.1	1449.2	1459.9	1463.5
7°	1420.7	1424.3	1432.6	1446.8	1449.2
8°	1394.6	1398.6	1410.0	1425.5	1428.6
9°	1362.2	1368.1	1381.2	1399.8	1401.7
10°	1319.4	1324.2	1342.4	1357.8	1363.0
11°	1264.1	1268.0	1284.2	1309.2	1312.3
12°	1196.8	1201.5	1222.5	1238.7	1241.9
13°	1111.7	1120.8	1146.2	1162.0	1170.7
14°	1024.3	1036.6	1054.8	1077.3	1071.8
15°	928.9	945.2	963.0	973.3	972.9
17.5°	695.1	704.6	720.5	726.4	734.3
20°	454.6	466.8	481.1	486.6	482.3
22.5°	282.1	285.3	289.6	292.0	291.2
25°	166.2	168.5	171.3	172.9	172.1
27.5°	100.1	105.6	109.6	104.8	102.1
30°	64.5	66.9	74.0	67.7	63.3
32.5°	38.4	43.9	49.8	42.3	36.8
35°	22.2	26.1	33.6	25.7	21.4
37.5°	14.2	16.2	21.8	15.8	13.8
40°	8.7	11.1	13.5	10.3	8.3
42.5°	4.4	6.7	7.9	5.9	4.4
45°	2.0	3.2	5.1	3.2	2.0
47.5°	1.2	1.6	3.2	1.6	1.2
50°	1.2	1.2	2.0	1.2	1.2
52.5°	1.2	1.2	1.2	1.2	1.2
55°	1.2	1.2	1.2	1.2	1.2
57.5°	1.2	1.2	1.2	1.2	1.2
60°	1.2	1.2	1.2	1.2	1.2
62.5°	0.8	0.8	0.8	0.8	0.8
65°	0.8	0.8	0.8	0.8	0.8
67.5°	0.8	0.8	0.8	0.8	0.8
70°	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	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)