

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: P1327754

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQPHRL1MB_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327754
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R25W2N902750DE010 3LSQPHRL1MB_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRL1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

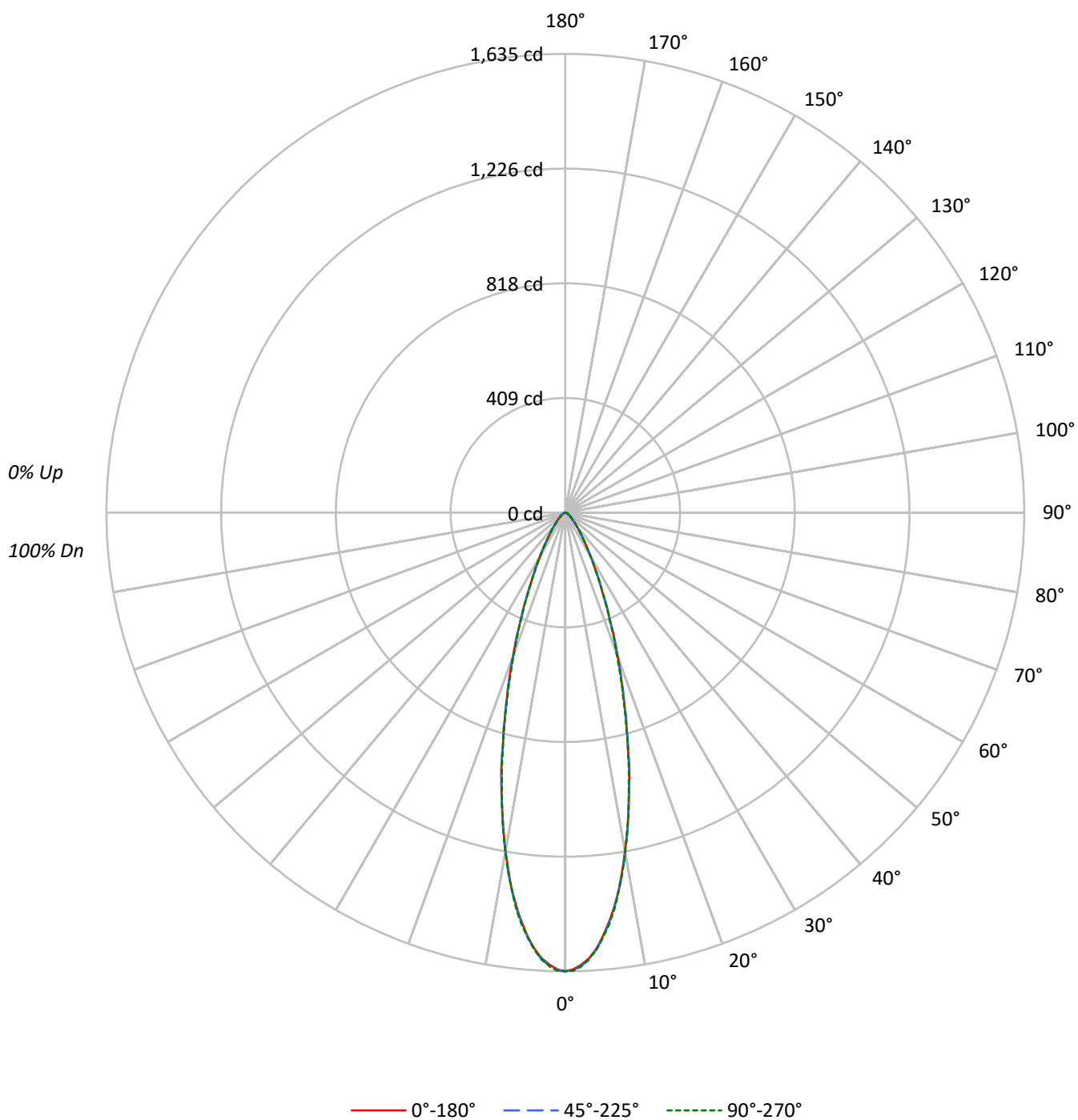
Lumens per Lamp: N/A
Luminaire Lumens: 655.0 lumens
Efficiency: N/A
Efficacy: 53.3 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.54
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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: P1327754

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRL1MB_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1327754

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRL1MB_3000K

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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94		
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	92	90	88		
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	83		
4	99	92	87	83	97	91	86	83	89	85	82	87	84	81	85	82	80	79		
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	74		
6	91	83	78	74	90	82	77	73	81	76	73	79	76	72	78	75	72	71		
7	87	79	74	70	86	78	73	70	77	73	69	76	72	69	75	71	69	67		
8	84	76	70	67	83	75	70	66	74	69	66	73	69	66	72	68	66	64		
9	81	72	67	64	80	72	67	63	71	66	63	70	66	63	69	66	63	62		
10	78	69	64	61	77	69	64	61	68	64	61	67	63	60	67	63	60	59		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	281532	281532	281532
5°	262778	263038	263176
10°	214332	215014	215014
15°	153087	153907	153087
20°	100197	99207	97814
25°	59573	59858	59573
30°	35875	35875	35736
35°	21865	22013	21865
40°	13916	14096	14096
45°	9694	9694	9694
50°	6966	7181	7181
55°	5525	5525	5735
60°	4478	4753	4753
65°	4034	4034	4034
70°	3474	3474	3827
75°	3061	3061	3593
80°	3075	3075	3075
85°	1581	1581	1581

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9694 cd/sqm

TEST NUMBER: P1327754

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRL1MB_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	135.8	20.7
10°-20°	236.8	36.1
20°-30°	148.9	22.7
30°-40°	68.1	10.4
40°-50°	31.8	4.9
50°-60°	17.1	2.6
60°-70°	10.1	1.5
70°-80°	5.3	0.8
80°-90°	1.2	0.2
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°	521.5	79.6
0°-40°	589.6	90.0
0°-60°	638.5	97.5
0°-90°	655.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	655.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1635	1635	1635	1635	1635	
5°	1520	1523	1522	1523	1522	136
15°	859	864	863	865	859	237
25°	314	317	315	315	314	149
35°	104	104	105	105	104	68
45°	40	40	40	40	40	32
55°	18	18	18	19	19	17
65°	10	10	10	10	10	10
75°	5	5	5	5	5	5
85°	1	1	1	1	1	1
90°	0	0	0	0	0	

TEST NUMBER: P1327754

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRL1MB_3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1634.7	1634.7	1634.7	1634.7	1634.7
1°	1627.8	1629.3	1630.9	1633.2	1632.4
2°	1612.5	1615.6	1616.4	1619.4	1618.6
3°	1591.9	1591.1	1597.2	1597.2	1593.4
4°	1559.8	1561.3	1562.8	1564.4	1565.1
5°	1520.0	1523.1	1521.5	1523.1	1522.3
6°	1471.1	1475.7	1474.9	1476.4	1478.7
7°	1419.1	1422.1	1422.1	1420.6	1426.7
8°	1362.5	1360.2	1364.0	1362.5	1361.7
9°	1295.2	1299.8	1300.6	1296.8	1298.3
10°	1225.6	1228.7	1229.5	1231.8	1229.5
11°	1156.8	1156.8	1158.4	1162.2	1156.1
12°	1081.9	1088.8	1081.9	1085.0	1081.9
13°	1010.8	1012.3	1010.8	1010.0	1004.7
14°	943.5	938.2	939.7	933.6	934.3
15°	858.6	864.0	863.2	864.8	858.6
17.5°	690.4	693.5	692.7	691.2	683.5
20°	546.7	546.7	541.3	538.3	533.7
22.5°	417.5	415.9	413.6	411.4	412.9
25°	313.5	317.3	315.0	315.0	313.5
27.5°	237.0	241.6	237.8	235.5	237.0
30°	180.4	182.0	180.4	179.7	179.7
32.5°	136.1	136.9	136.1	136.1	136.1
35°	104.0	104.0	104.7	104.7	104.0
37.5°	80.3	80.3	80.3	80.3	81.0
40°	61.9	62.7	62.7	62.7	62.7
42.5°	48.9	49.7	49.7	49.7	49.7
45°	39.8	39.8	39.8	39.8	39.8
47.5°	32.1	32.1	32.1	32.1	32.9
50°	26.0	26.8	26.8	26.8	26.8
52.5°	22.2	22.2	22.2	22.2	22.2
55°	18.4	18.4	18.4	19.1	19.1
57.5°	15.3	15.3	16.1	16.1	16.1
60°	13.0	13.8	13.8	13.8	13.8
62.5°	11.5	11.5	12.2	12.2	12.2
65°	9.9	9.9	9.9	9.9	9.9
67.5°	8.4	8.4	8.4	8.4	9.2
70°	6.9	6.9	6.9	7.6	7.6
72.5°	6.1	6.1	6.1	6.1	6.1
75°	4.6	4.6	4.6	5.4	5.4
77.5°	3.8	3.8	3.8	3.8	3.8
80°	3.1	3.1	3.1	3.1	3.1
82.5°	1.5	1.5	2.3	2.3	2.3
85°	0.8	0.8	0.8	0.8	0.8
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1327754

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRL1MB_3000K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)