

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: P1327749

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQPHR1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327749
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R25W2N902750DE010 3LSQPHR1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

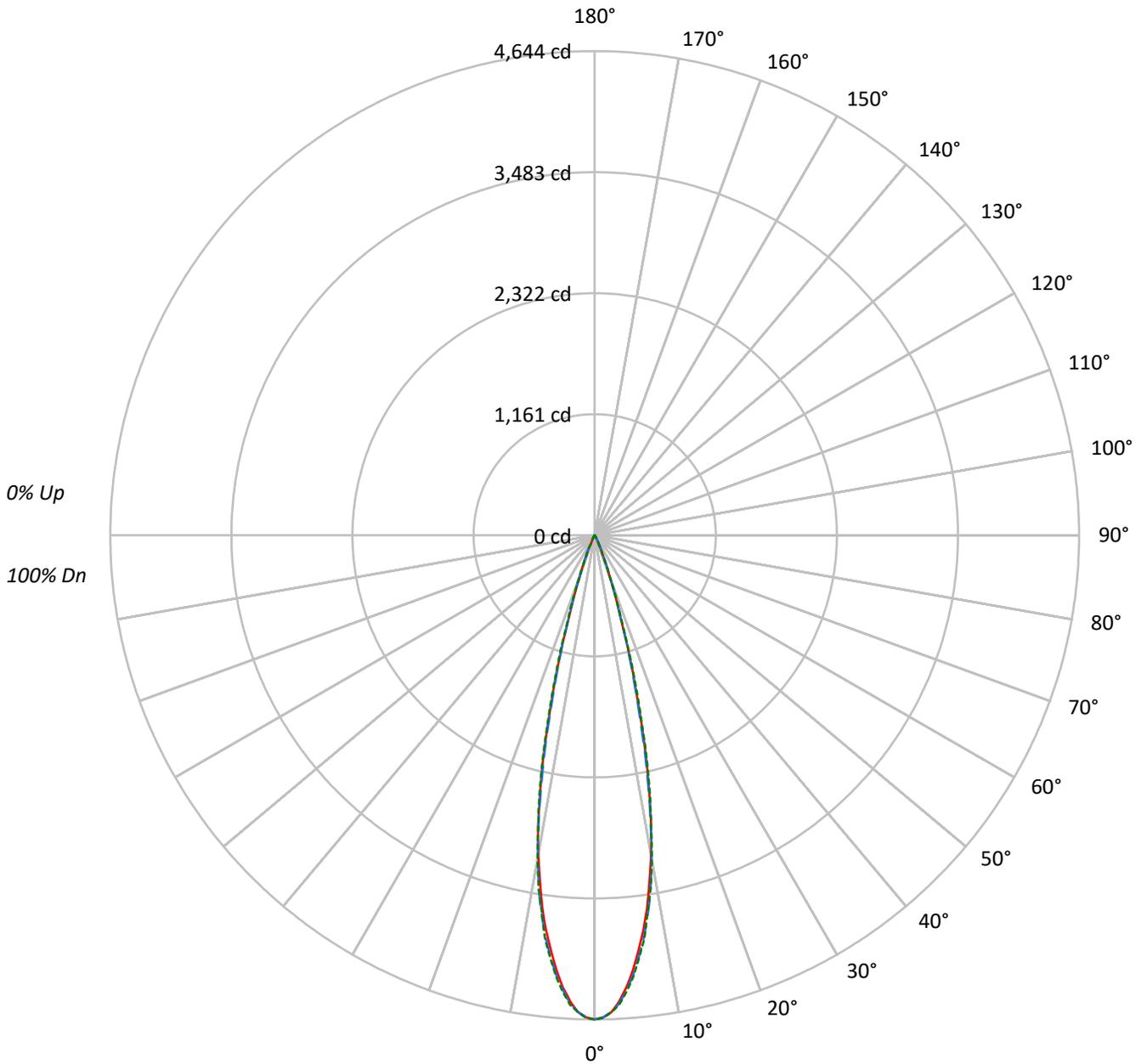
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 857.0 lumens
Efficiency: N/A
Efficacy: 69.7 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
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: P1327749
CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHR1MW_3000K

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270°



TEST NUMBER: P1327749

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHR1MW_3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	99	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	96	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	95	97	95	94
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	97	95	94
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	91	95	93	92
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	88	93	91	89
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	86	91	89	87
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	90	87	86
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	85	84	83	88	85	84
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	81	86	84	82
10	93	87	83	81	92	86	83	81	86	83	81	85	82	80	85	82	80	80	85	82	80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	799750	799750	799750
5°	724732	731336	734898
10°	544819	548702	551238
15°	269765	261724	279161
20°	76188	77452	78295
25°	13207	24970	15677
30°	5171	5310	5469
35°	1598	1766	1766
40°	517	697	517
45°	365	195	365
50°	214	0	214
55°	240	0	240
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: 45°

Luminance: 365 cd/sqm



TEST NUMBER: P1327749

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHR1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	368.9	43.0
10°-20°	416.0	48.5
20°-30°	64.5	7.5
30°-40°	6.5	0.8
40°-50°	0.9	0.1
50°-60°	0.2	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°	849.4	99.1
0°-40°	856.0	99.9
0°-60°	857.0	100.0
0°-90°	857.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	857.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4644	4644	4644	4644	4644	
5°	4192	4200	4230	4247	4251	365
15°	1513	1502	1468	1534	1566	414
25°	70	103	131	100	82	58
35°	8	8	8	9	8	6
45°	2	1	1	1	2	1
55°	1	0	0	0	1	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	0



TEST NUMBER: P1327749

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHR1MW_3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4643.7	4643.7	4643.7	4643.7	4643.7
1°	4624.6	4630.7	4623.8	4631.4	4630.7
2°	4576.4	4582.5	4574.1	4578.7	4578.7
3°	4477.9	4490.8	4498.5	4503.8	4508.4
4°	4348.0	4362.5	4373.9	4387.7	4387.7
5°	4192.1	4199.7	4230.3	4247.1	4250.9
6°	4006.4	4036.9	4059.9	4093.5	4072.9
7°	3820.7	3845.9	3878.0	3883.4	3897.9
8°	3609.8	3636.5	3666.3	3661.0	3648.8
9°	3353.0	3392.0	3427.2	3415.7	3431.0
10°	3115.4	3139.1	3137.6	3126.1	3152.1
11°	2839.5	2844.9	2815.1	2861.7	2833.4
12°	2512.5	2517.1	2478.9	2524.7	2553.8
13°	2199.2	2188.5	2135.8	2196.1	2232.8
14°	1838.5	1842.3	1775.1	1892.0	1882.8
15°	1513.0	1502.3	1467.9	1533.6	1565.7
17.5°	806.2	813.0	804.6	837.5	858.1
20°	415.7	427.2	422.6	436.3	427.2
22.5°	215.5	231.5	236.1	225.4	196.4
25°	69.5	103.2	131.4	100.1	82.5
27.5°	42.0	41.3	64.2	44.3	45.1
30°	26.0	25.2	26.7	26.7	27.5
32.5°	14.5	15.3	14.5	16.0	15.3
35°	7.6	8.4	8.4	9.2	8.4
37.5°	4.6	5.3	5.3	5.3	4.6
40°	2.3	3.1	3.1	2.3	2.3
42.5°	1.5	1.5	1.5	1.5	1.5
45°	1.5	0.8	0.8	0.8	1.5
47.5°	0.8	0.8	0.0	0.8	0.8
50°	0.8	0.8	0.0	0.8	0.8
52.5°	0.8	0.0	0.0	0.0	0.8
55°	0.8	0.0	0.0	0.0	0.8
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: P1327749
CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHR1MW_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)