

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: P1327777

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQPHRLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327777
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R25W2N902750DE010 3LSQPHRLP1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

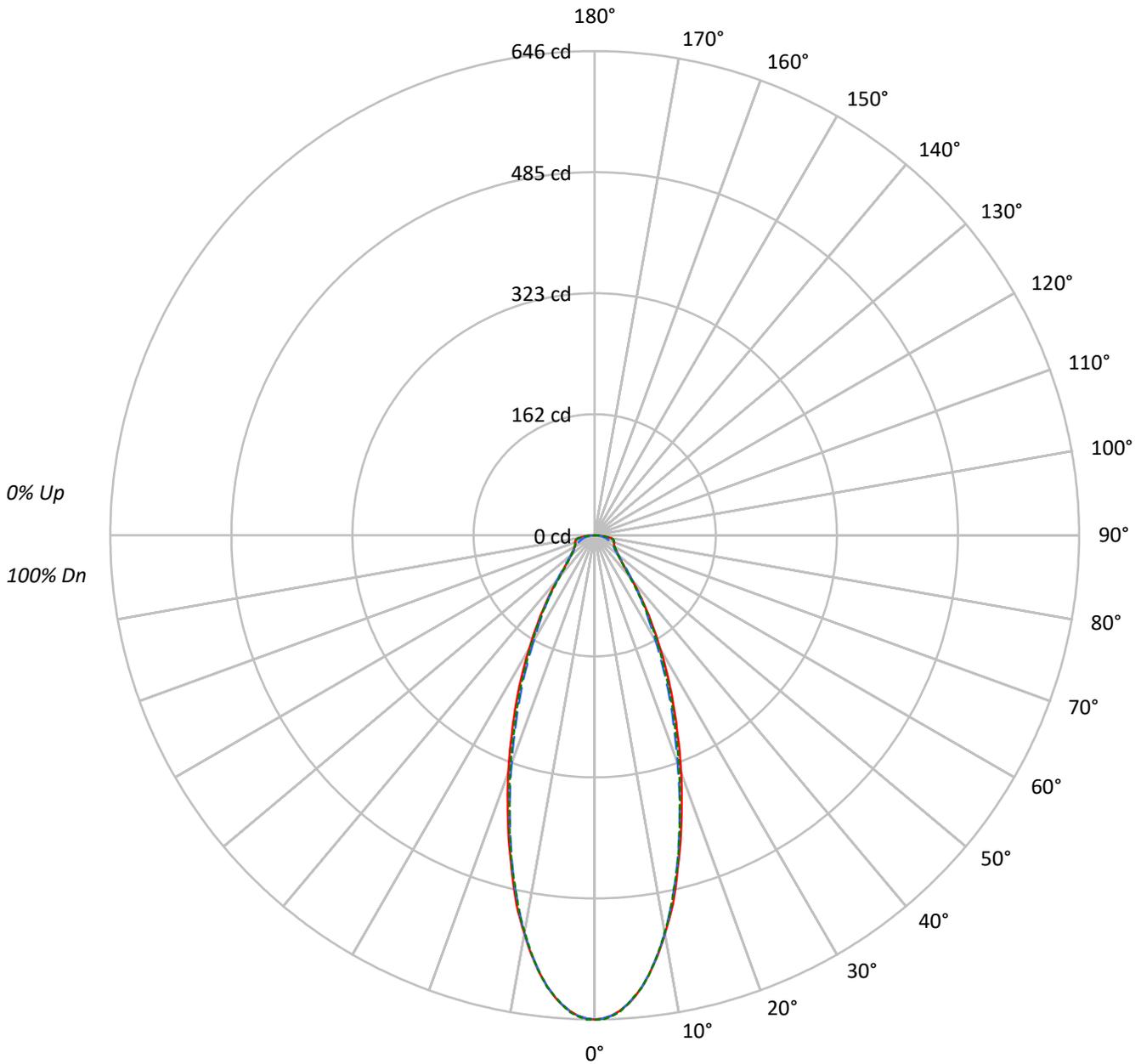
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 488.0 lumens
Efficiency: N/A
Efficacy: 39.7 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
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

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CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRLP1MW_5000K

Luminous Intensity Polar Plot



0% Up
100% Dn

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



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CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHRLP1MW_5000K

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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	80
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	61
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	56
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	49
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	111273	111273	111273
5°	106771	106633	106633
10°	94382	94260	93980
15°	77952	76846	77257
20°	61764	59216	60206
25°	47032	44542	45720
30°	34662	32196	33588
35°	24809	23674	23989
40°	16996	17334	16479
45°	12592	13323	12397
50°	10958	10958	10744
55°	10419	9969	10419
60°	10609	9817	10609
65°	11614	10066	11614
70°	13999	10071	13596
75°	17434	10780	17434
80°	22216	11505	20629
85°	18377	10671	18377

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 22216 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.4	11.6
10°-20°	119.8	24.5
20°-30°	109.8	22.5
30°-40°	72.4	14.8
40°-50°	42.1	8.6
50°-60°	30.8	6.3
60°-70°	26.1	5.4
70°-80°	21.6	4.4
80°-90°	8.9	1.8
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°	286.0	58.6
0°-40°	358.4	73.4
0°-60°	431.3	88.4
0°-90°	488.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	488.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	646	646	646	646	646	
5°	618	617	617	618	617	56
15°	437	436	431	433	433	121
25°	248	241	234	235	241	114
35°	118	116	113	113	114	75
45°	52	53	55	52	51	42
55°	35	35	33	34	35	31
65°	28	26	25	26	28	28
75°	26	20	16	20	26	27
85°	9	10	5	10	9	10
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	646.1	646.1	646.1	646.1	646.1
1°	644.6	644.6	644.6	644.6	646.1
2°	641.5	640.8	641.5	641.5	642.3
3°	635.4	635.4	635.4	635.4	636.9
4°	627.6	627.6	627.6	627.6	627.6
5°	617.6	616.8	616.8	617.6	616.8
6°	605.3	605.3	605.3	605.3	606.1
7°	591.4	590.6	590.6	589.9	591.4
8°	575.2	575.2	574.4	573.7	575.2
9°	558.2	559.0	557.5	556.7	556.7
10°	539.7	539.0	539.0	539.0	537.4
11°	521.2	518.9	518.2	518.2	519.7
12°	502.7	498.9	497.3	497.3	497.3
13°	480.4	478.8	476.5	475.0	475.7
14°	458.0	458.0	454.2	454.2	455.7
15°	437.2	435.6	431.0	432.6	433.3
17.5°	385.5	382.4	377.0	377.0	377.8
20°	337.0	331.6	323.1	326.9	328.5
22.5°	289.1	283.8	275.3	279.1	280.7
25°	247.5	240.6	234.4	235.2	240.6
27.5°	209.7	202.0	195.8	198.2	201.2
30°	174.3	169.6	161.9	165.8	168.9
32.5°	144.2	140.3	134.9	137.2	140.3
35°	118.0	115.7	112.6	112.6	114.1
37.5°	95.6	94.8	93.3	92.5	91.8
40°	75.6	77.1	77.1	75.6	73.3
42.5°	61.7	63.2	64.8	61.7	59.4
45°	51.7	53.2	54.7	51.7	50.9
47.5°	45.5	46.3	47.0	45.5	44.7
50°	40.9	40.9	40.9	40.1	40.1
52.5°	37.8	37.0	36.2	37.0	37.0
55°	34.7	34.7	33.2	33.9	34.7
57.5°	32.4	31.6	30.8	31.6	32.4
60°	30.8	29.3	28.5	29.3	30.8
62.5°	29.3	27.8	26.2	27.8	29.3
65°	28.5	26.2	24.7	26.2	28.5
67.5°	27.8	24.7	22.4	24.7	27.8
70°	27.8	23.1	20.0	23.1	27.0
72.5°	27.0	21.6	18.5	21.6	27.0
75°	26.2	20.0	16.2	20.0	26.2
77.5°	25.4	18.5	13.9	18.5	24.7
80°	22.4	17.0	11.6	17.0	20.8
82.5°	16.2	13.9	9.3	13.9	15.4
85°	9.3	10.0	5.4	10.0	9.3
87.5°	1.5	2.3	1.5	3.9	3.1



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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)