

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: P1324558

Luminaire Tested: LDSQA3D05R25W2N902750DE010 3LSQPHRLD1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324558
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R25W2N902750DE010 3LSQPHRLD1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

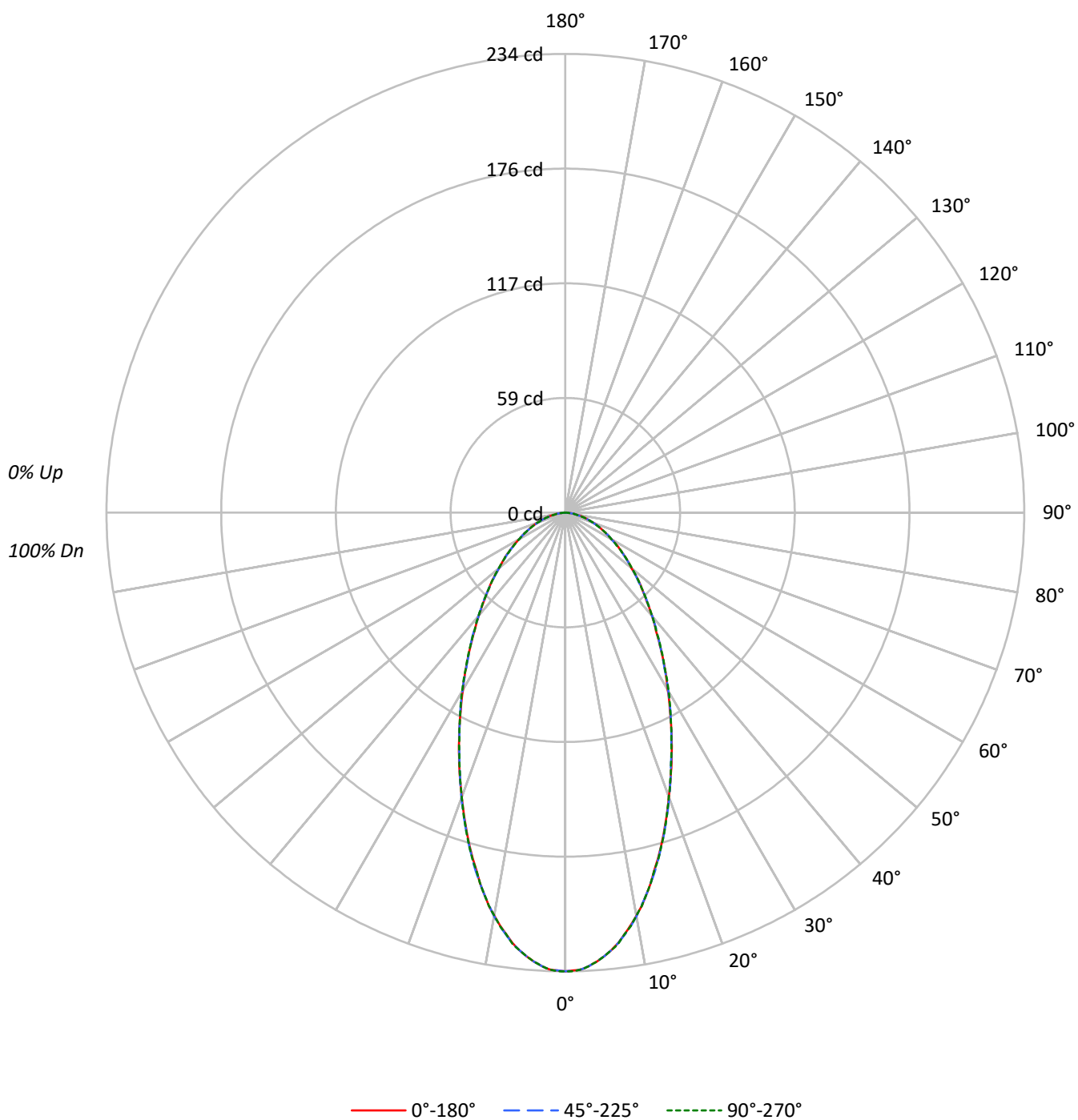
Lumens per Lamp: N/A
Luminaire Lumens: 293.0 lumens
Efficiency: N/A
Efficacy: 49.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1324558

CATALOG NUMBER: LDSQA3D05R25W2N902750DE010 3LSQPHRLD1MW_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1324558

CATALOG NUMBER: LDSQA3D05R25W2N902750DE010 3LSQPHRLD1MW_3500K

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	111	107	104	100	108	105	102	99	101	98	96		97	95	93		93
2	103	96	90	86	100	94	89	85	91	86	83		88	84	81		85
3	95	87	80	74	93	85	79	74	82	77	72		80	75	71		77
4	89	79	71	65	87	77	70	65	75	69	64		73	68	63		71
5	83	72	64	58	81	71	64	58	69	62	58		67	61	57		65
6	77	66	58	53	76	65	58	52	63	57	52		62	56	52		60
7	73	61	53	48	71	60	53	48	59	52	47		57	51	47		56
8	68	56	49	44	67	56	49	44	55	48	44		53	48	43		52
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49
10	61	49	42	37	60	49	42	37	48	42	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	40300	40300	40300
5°	39278	39278	39278
10°	36497	36567	36497
15°	32557	32629	32629
20°	28298	28371	28298
25°	24380	24304	24304
30°	20781	20881	20960
35°	17829	17829	17913
40°	15468	15468	15468
45°	13518	13518	13518
50°	11843	11843	11950
55°	10629	10629	10629
60°	9403	9403	9403
65°	8517	8517	8517
70°	7704	7503	7704
75°	6987	6721	6721
80°	5554	5554	5554
85°	3952	3952	3952

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13518 cd/sqm

TEST NUMBER: P1324558

CATALOG NUMBER: LDSQA3D05R25W2N902750DE010 3LSQPHRLD1MW_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.1	7.2
10°-20°	50.9	17.4
20°-30°	58.9	20.1
30°-40°	53.4	18.2
40°-50°	43.0	14.7
50°-60°	31.7	10.8
60°-70°	20.8	7.1
70°-80°	10.8	3.7
80°-90°	2.4	0.8
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°	130.9	44.7
0°-40°	184.3	62.9
0°-60°	259.0	88.4
0°-90°	293.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	293.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	234	234	234	234	234	
5°	227	228	227	227	227	21
15°	183	183	183	183	183	51
25°	128	128	128	128	128	59
35°	85	85	85	85	85	53
45°	56	56	56	56	56	43
55°	35	35	35	35	35	32
65°	21	21	21	21	21	21
75°	10	10	10	10	10	11
85°	2	2	2	2	2	3
90°	0	0	0	0	0	

TEST NUMBER: P1324558

CATALOG NUMBER: LDSQA3D05R25W2N902750DE010 3LSQPHRLD1MW_3500K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	234.0	234.0	234.0	234.0	234.0
1°	233.6	234.4	233.6	233.6	234.0
2°	233.2	233.6	233.2	233.2	233.2
3°	231.6	232.4	231.6	231.6	231.6
4°	229.6	230.4	229.6	229.6	229.6
5°	227.2	228.0	227.2	227.2	227.2
6°	224.4	224.8	224.4	224.4	224.4
7°	221.2	221.6	221.2	221.2	221.6
8°	217.1	217.5	217.5	217.1	217.1
9°	213.1	213.5	213.5	213.1	213.5
10°	208.7	209.1	209.1	208.7	208.7
11°	204.3	204.7	203.9	203.9	204.3
12°	199.0	199.4	199.0	199.0	199.0
13°	193.8	193.8	193.8	193.8	193.8
14°	187.8	188.6	188.6	188.2	187.8
15°	182.6	183.0	183.0	182.6	183.0
17.5°	168.5	169.3	168.9	168.9	168.9
20°	154.4	154.8	154.8	154.4	154.4
22.5°	141.1	140.7	140.7	140.7	140.7
25°	128.3	127.9	127.9	128.3	127.9
27.5°	115.8	116.2	116.2	115.8	116.2
30°	104.5	104.5	105.0	104.5	105.4
32.5°	94.5	94.5	94.1	94.5	94.5
35°	84.8	84.8	84.8	84.8	85.2
37.5°	76.0	76.4	76.8	76.8	76.4
40°	68.8	68.8	68.8	68.8	68.8
42.5°	61.5	61.5	61.9	61.9	61.9
45°	55.5	55.5	55.5	55.5	55.5
47.5°	49.9	49.9	49.5	49.5	49.9
50°	44.2	44.6	44.2	44.2	44.6
52.5°	39.8	39.4	39.4	39.8	39.8
55°	35.4	35.4	35.4	35.0	35.4
57.5°	31.4	31.4	31.0	31.0	31.0
60°	27.3	27.3	27.3	27.3	27.3
62.5°	24.1	24.1	24.1	24.1	24.1
65°	20.9	20.9	20.9	20.9	20.9
67.5°	18.1	18.1	18.1	18.1	17.7
70°	15.3	15.3	14.9	14.9	15.3
72.5°	12.5	12.5	12.5	12.5	12.5
75°	10.5	10.1	10.1	10.1	10.1
77.5°	8.0	8.0	7.6	8.0	7.6
80°	5.6	5.6	5.6	5.6	5.6
82.5°	4.0	3.6	3.6	3.6	3.6
85°	2.0	2.0	2.0	2.0	2.0
87.5°	0.4	0.4	0.4	0.4	0.8



TEST NUMBER: P1324558

CATALOG NUMBER: LDSQA3D05R25W2N902750DE010 3LSQPHRLD1MW_3500K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)