

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: P1324929

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQPHRL1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324929
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R35W2N902750DE010 3LSQPHRL1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
3LSQPHRL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

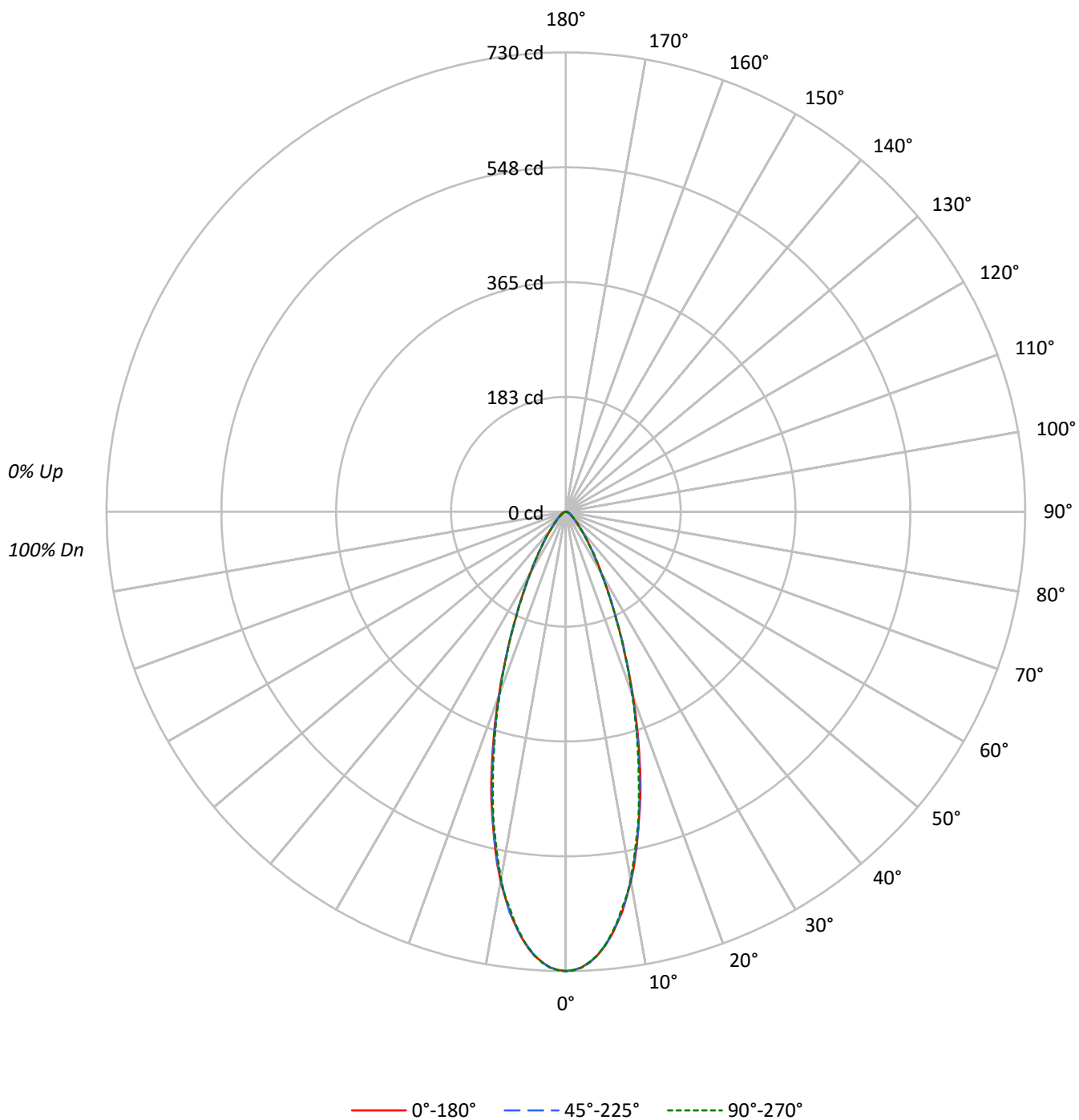
Lumens per Lamp: N/A
Luminaire Lumens: 360.1 lumens
Efficiency: N/A
Efficacy: 61.0 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.58 / 0.6
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94		
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87		
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	82		
4	98	91	86	82	96	90	85	81	88	84	80	86	82	79	84	81	78	77		
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	73		
6	90	81	76	72	88	81	75	71	79	74	71	78	74	70	76	73	70	69		
7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	65		
8	82	73	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	62		
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	59		
10	76	67	62	58	75	67	61	58	66	61	58	65	61	58	64	60	57	56		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	125723	125723	125723
5°	120135	119927	120135
10°	104281	103931	103791
15°	81714	81072	79806
20°	57164	56650	56284
25°	36314	36542	36314
30°	22372	22531	22372
35°	13834	13918	13918
40°	8790	8880	8880
45°	5918	6016	6113
50°	4287	4394	4394
55°	3363	3363	3363
60°	2756	2756	2756
65°	2445	2445	2445
70°	2216	2216	2216
75°	1863	1863	1863
80°	1587	1587	1587
85°	790	790	1581

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°

Vertical Angle: 45°

Luminance: 6113 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.1	17.5
10°-20°	124.2	34.5
20°-30°	89.6	24.9
30°-40°	43.2	12.0
40°-50°	19.9	5.5
50°-60°	10.3	2.9
60°-70°	6.0	1.7
70°-80°	3.0	0.8
80°-90°	0.7	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°	276.9	76.9
0°-40°	320.1	88.9
0°-60°	350.4	97.3
0°-90°	360.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	360.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	730	730	730	730	730	
5°	695	696	694	694	695	63
15°	458	458	455	453	448	125
25°	191	192	192	192	191	90
35°	66	66	66	66	66	43
45°	24	25	25	25	25	20
55°	11	11	11	11	11	10
65°	6	6	6	6	6	6
75°	3	3	3	3	3	3
85°	0	0	0	0	1	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	730.0	730.0	730.0	730.0	730.0
1°	728.0	729.2	728.8	729.2	728.8
2°	724.4	725.2	724.4	724.8	724.8
3°	716.8	717.6	717.6	717.2	716.8
4°	707.6	709.6	707.6	708.0	706.8
5°	694.9	696.5	693.7	694.1	694.9
6°	679.3	679.7	678.9	678.5	677.7
7°	661.4	663.0	660.2	660.6	659.8
8°	642.2	641.8	641.8	640.2	637.8
9°	619.1	620.7	618.3	617.5	617.9
10°	596.3	596.3	594.3	592.4	593.5
11°	570.4	569.6	568.4	565.6	564.8
12°	542.1	543.7	540.1	538.9	536.1
13°	513.0	515.4	513.8	509.4	509.8
14°	485.8	484.3	483.1	482.3	479.5
15°	458.3	457.5	454.7	452.7	447.6
17.5°	382.9	383.7	378.5	377.7	375.8
20°	311.9	309.5	309.1	309.5	307.1
22.5°	246.1	248.5	245.7	246.1	244.5
25°	191.1	191.5	192.3	192.3	191.1
27.5°	148.4	148.4	147.6	148.4	147.2
30°	112.5	112.5	113.3	114.1	112.5
32.5°	87.0	87.0	87.0	87.4	87.8
35°	65.8	65.8	66.2	66.2	66.2
37.5°	50.7	51.1	51.5	51.5	51.5
40°	39.1	39.5	39.5	39.9	39.5
42.5°	31.1	31.1	31.1	31.5	31.5
45°	24.3	24.7	24.7	25.1	25.1
47.5°	19.9	19.9	19.9	20.3	20.3
50°	16.0	16.4	16.4	16.4	16.4
52.5°	13.2	13.2	13.6	13.6	13.6
55°	11.2	11.2	11.2	11.2	11.2
57.5°	9.2	9.6	9.6	9.6	9.6
60°	8.0	8.0	8.0	8.0	8.0
62.5°	6.8	6.8	6.8	6.8	6.8
65°	6.0	6.0	6.0	6.0	6.0
67.5°	4.8	5.2	5.2	5.2	5.2
70°	4.4	4.4	4.4	4.4	4.4
72.5°	3.2	3.6	3.6	3.6	3.6
75°	2.8	2.8	2.8	2.8	2.8
77.5°	2.4	2.0	2.0	2.0	2.4
80°	1.6	1.6	1.6	1.6	1.6
82.5°	1.2	1.2	1.2	1.2	1.2
85°	0.4	0.4	0.4	0.4	0.8
87.5°	0.0	0.0	0.0	0.4	0.4



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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)