

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: P1325471

Luminaire Tested: LDSQA3D05R60W2N902750DE010 3LSQCDR1MB_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1325471
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R60W2N902750DE010 3LSQCDR1MB_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

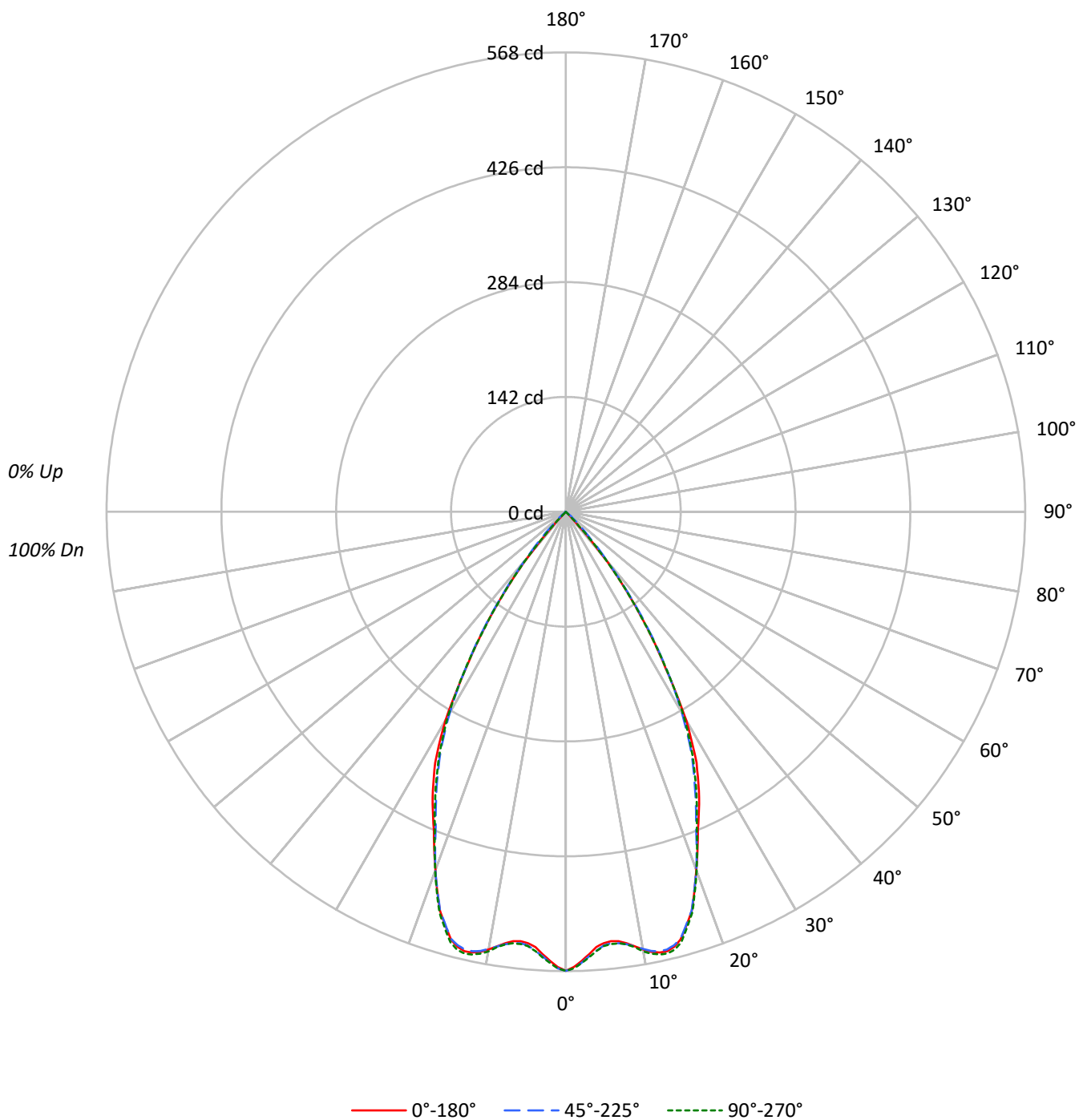
Lumens per Lamp: N/A
Luminaire Lumens: 503.0 lumens
Efficiency: N/A
Efficacy: 85.3 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	82	82	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77	77	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	72	72	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	67	67	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63	63	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	59	59	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56	56	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	97754	97754	97754
5°	92578	93062	93200
10°	96096	95956	96533
15°	97689	97547	98278
20°	86451	86451	86598
25°	74091	71887	72495
30°	59262	57114	57989
35°	36772	37529	36688
40°	16142	17761	16592
45°	195	5772	487
50°	0	643	0
55°	0	0	0
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: 45°

Vertical Angle: 45°

Luminance: 5772 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.8	10.3
10°-20°	150.3	29.9
20°-30°	174.5	34.7
30°-40°	109.9	21.8
40°-50°	16.5	3.3
50°-60°	0.1	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°	376.6	74.9
0°-40°	486.4	96.7
0°-60°	503.0	100.0
0°-90°	503.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	503.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	568	568	568	568	568	
5°	536	538	538	540	539	52
15°	548	546	547	551	551	150
25°	390	386	378	380	382	177
35°	175	175	178	175	174	109
45°	1	8	24	10	2	11
55°	0	0	0	0	0	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	567.6	567.6	567.6	567.6	567.6
1°	563.2	564.8	564.8	565.2	564.8
2°	555.6	558.0	558.0	559.2	558.4
3°	547.9	549.9	550.3	552.0	551.6
4°	539.5	542.7	543.9	544.7	544.3
5°	535.5	537.5	538.3	539.5	539.1
6°	533.9	535.5	536.3	537.5	537.5
7°	535.1	536.3	537.5	538.3	537.5
8°	538.7	539.9	539.9	541.5	540.3
9°	543.9	544.3	544.3	546.3	545.1
10°	549.5	548.7	548.7	551.6	552.0
11°	554.4	553.6	553.2	556.0	556.8
12°	557.2	555.6	555.6	559.2	559.6
13°	557.6	555.6	555.6	559.2	560.4
14°	554.4	552.0	552.4	556.4	557.6
15°	547.9	545.9	547.1	550.8	551.2
17.5°	517.5	516.3	517.1	519.5	519.9
20°	471.7	470.9	471.7	471.7	472.5
22.5°	426.4	424.4	420.4	422.8	423.2
25°	389.9	385.5	378.3	379.9	381.5
27.5°	349.8	344.2	336.5	338.6	339.0
30°	298.0	295.2	287.2	289.2	291.6
32.5°	230.2	237.9	233.1	232.7	233.1
35°	174.9	175.3	178.5	174.9	174.5
37.5°	122.3	122.7	125.2	121.1	121.5
40°	71.8	77.0	79.0	77.4	73.8
42.5°	22.5	39.7	44.9	38.9	24.9
45°	0.8	7.6	23.7	10.0	2.0
47.5°	0.0	0.4	11.2	0.8	0.0
50°	0.0	0.0	2.4	0.0	0.0
52.5°	0.0	0.0	0.4	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
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



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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)