

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: P1325479

Luminaire Tested: LDSQA3D05R60W2N902750DE010 3LSQCDR1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1325479
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R60W2N902750DE010 3LSQCDR1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

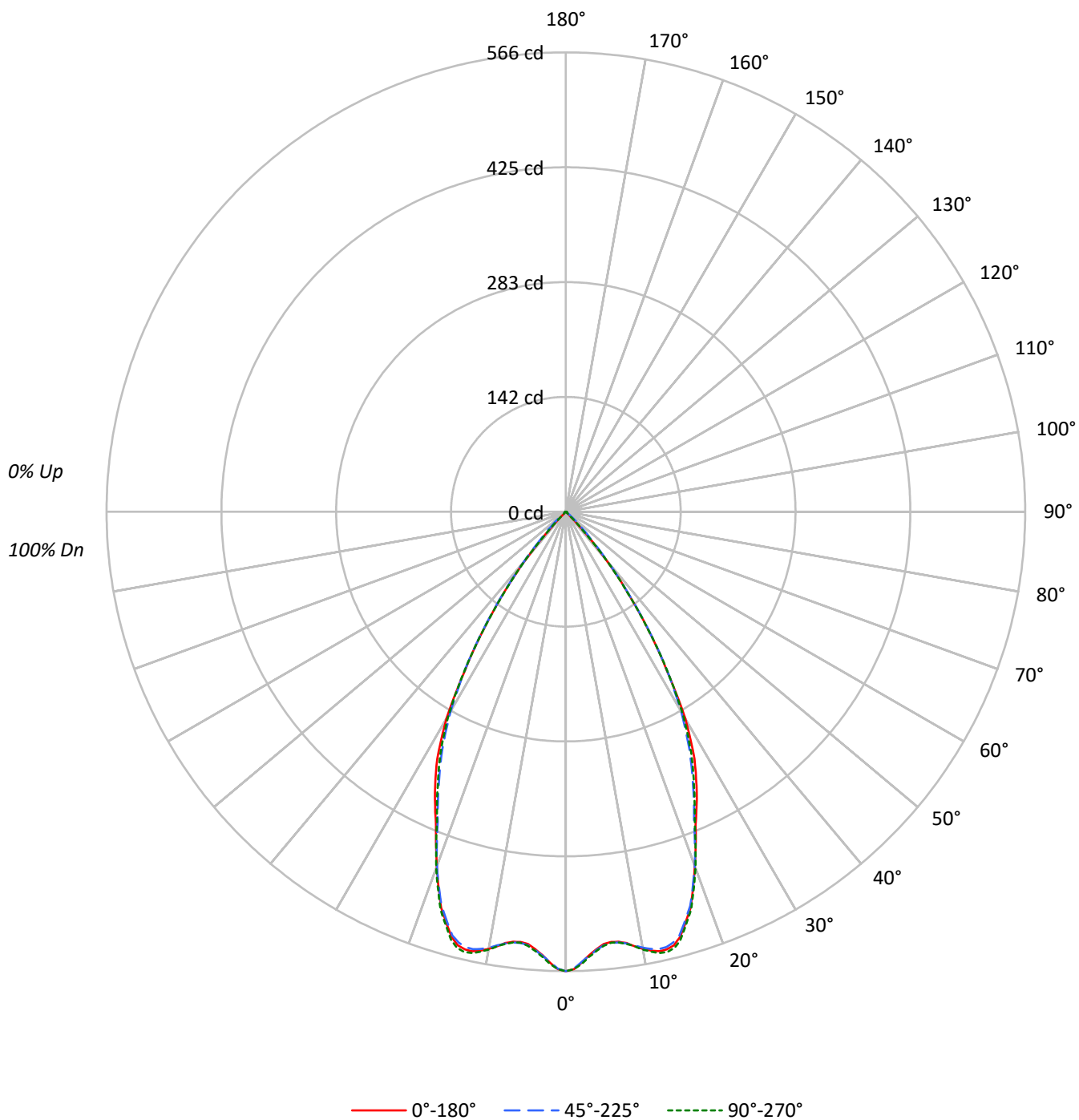
Lumens per Lamp: N/A
Luminaire Lumens: 505.0 lumens
Efficiency: N/A
Efficacy: 85.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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			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	114	111	108	106	111	109	107	105	105	103	101		101	100	98		98	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	84		88	85	83	82
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83	80	78	76
5	93	85	79	75	91	84	79	75	82	77	74		80	76	73		79	75	73	71
6	88	80	74	70	87	79	73	69	77	73	69		76	72	68		75	71	68	67
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71	67	64	62
8	80	71	65	61	79	70	65	61	69	64	60		68	64	60		67	63	60	59
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64	59	56	55
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61	56	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	97512	97512	97512
5°	92422	92681	92820
10°	95624	95344	95834
15°	96798	96370	97351
20°	85223	85150	85590
25°	72533	70424	71032
30°	58526	56498	57432
35°	37045	37382	36961
40°	17311	18031	17581
45°	1047	6357	1242
50°	536	1474	536
55°	601	601	601
60°	551	551	551
65°	489	652	489
70°	604	604	604
75°	532	532	532
80°	397	397	397
85°	790	790	790

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 6357 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.6	10.2
10°-20°	148.6	29.4
20°-30°	171.3	33.9
30°-40°	110.0	21.8
40°-50°	19.1	3.8
50°-60°	1.8	0.4
60°-70°	1.4	0.3
70°-80°	0.8	0.2
80°-90°	0.3	0.1
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°	371.5	73.6
0°-40°	481.5	95.3
0°-60°	502.5	99.5
0°-90°	505.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	505.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	566	566	566	566	566	
5°	535	536	536	537	537	52
15°	543	541	540	544	546	149
25°	382	377	371	371	374	174
35°	176	175	178	174	176	110
45°	4	13	26	15	5	14
55°	2	2	2	2	2	2
65°	1	2	2	2	1	1
75°	1	1	1	1	1	1
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°	566.2	566.2	566.2	566.2	566.2
1°	563.8	563.4	563.0	563.4	563.8
2°	555.9	555.5	555.1	556.7	557.5
3°	547.2	547.6	548.0	548.8	549.2
4°	540.1	540.9	541.3	542.1	542.5
5°	534.6	535.8	536.1	537.3	536.9
6°	533.0	533.8	534.2	534.6	533.8
7°	533.8	534.2	534.6	535.4	534.6
8°	536.5	536.9	537.3	537.7	537.7
9°	542.1	541.3	540.9	542.5	542.1
10°	546.8	545.6	545.2	547.6	548.0
11°	550.8	549.2	548.8	551.6	552.3
12°	553.5	551.2	550.8	554.3	555.9
13°	553.5	550.4	550.4	554.3	556.7
14°	550.4	546.8	546.8	551.2	553.9
15°	542.9	540.9	540.5	544.1	546.0
17.5°	511.3	508.9	509.3	513.2	513.6
20°	465.0	463.8	464.6	465.4	467.0
22.5°	418.0	417.2	412.9	414.1	414.9
25°	381.7	377.3	370.6	371.0	373.8
27.5°	343.3	339.0	329.5	331.5	334.3
30°	294.3	290.8	284.1	285.3	288.8
32.5°	231.1	238.2	231.9	233.9	232.7
35°	176.2	175.0	177.8	174.2	175.8
37.5°	124.1	124.5	125.6	122.5	122.5
40°	77.0	79.0	80.2	78.6	78.2
42.5°	32.4	44.3	46.6	44.3	32.8
45°	4.3	13.0	26.1	15.4	5.1
47.5°	2.0	2.8	13.8	2.8	2.0
50°	2.0	2.0	5.5	2.0	2.0
52.5°	2.0	2.0	2.0	2.0	2.0
55°	2.0	2.0	2.0	2.0	2.0
57.5°	2.0	2.0	2.0	2.0	2.0
60°	1.6	1.6	1.6	1.6	1.6
62.5°	1.6	1.6	1.6	1.6	1.6
65°	1.2	1.6	1.6	1.6	1.2
67.5°	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2
72.5°	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8
80°	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4
85°	0.4	0.4	0.4	0.4	0.4
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)