

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: P1325480

Luminaire Tested: LDSQA3D05R60W2N902750DE010 3LSQCDR1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1325480
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_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

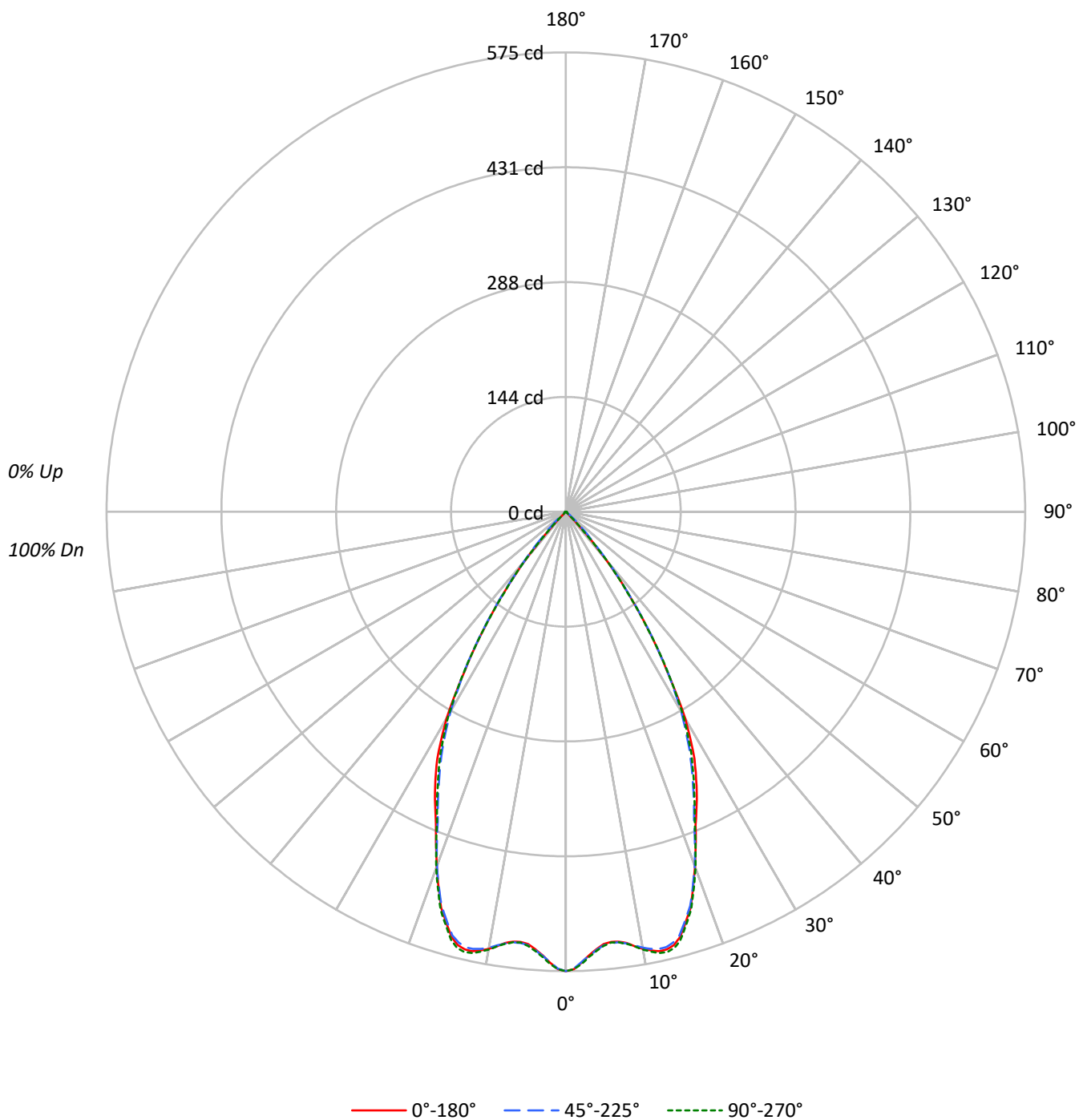
Lumens per Lamp: N/A
Luminaire Lumens: 513.0 lumens
Efficiency: N/A
Efficacy: 86.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1325480

CATALOG NUMBER: LDSQA3D05R60W2N902750DE010 3LSQCDR1MW_3500K

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	108	106	111	109	107	105	105	103	101		101	100	98		98
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	79		83
5	93	85	79	75	91	84	79	75	82	77	74		80	76	73		79
6	88	80	74	70	87	79	73	69	77	73	69		76	72	68		75
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	70	65	61	69	64	60		68	64	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	99045	99045	99045
5°	93874	94151	94289
10°	97146	96866	97355
15°	98331	97903	98902
20°	86579	86506	86946
25°	73673	71545	72153
30°	59461	57393	58347
35°	37634	37970	37550
40°	17603	18323	17873
45°	1072	6454	1267
50°	536	1500	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: 6454 cd/sqm

TEST NUMBER: P1325480

CATALOG NUMBER: LDSQA3D05R60W2N902750DE010 3LSQCDR1MW_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.4	10.2
10°-20°	151.0	29.4
20°-30°	174.0	33.9
30°-40°	111.8	21.8
40°-50°	19.4	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°	377.4	73.6
0°-40°	489.2	95.4
0°-60°	510.5	99.5
0°-90°	513.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	513.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	575	575	575	575	575	
5°	543	544	545	546	545	52
15°	552	550	549	553	555	151
25°	388	383	376	377	380	177
35°	179	178	181	177	179	112
45°	4	13	26	16	5	15
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°	575.1	575.1	575.1	575.1	575.1
1°	572.7	572.3	571.9	572.3	572.7
2°	564.7	564.3	563.9	565.5	566.3
3°	555.9	556.3	556.7	557.5	557.9
4°	548.7	549.5	549.9	550.7	551.1
5°	543.0	544.2	544.6	545.8	545.4
6°	541.4	542.2	542.6	543.0	542.2
7°	542.2	542.6	543.0	543.8	543.0
8°	545.0	545.4	545.8	546.2	546.2
9°	550.7	549.9	549.5	551.1	550.7
10°	555.5	554.3	553.9	556.3	556.7
11°	559.5	557.9	557.5	560.3	561.1
12°	562.3	559.9	559.5	563.1	564.7
13°	562.3	559.1	559.1	563.1	565.5
14°	559.1	555.5	555.5	559.9	562.7
15°	551.5	549.5	549.1	552.7	554.7
17.5°	519.4	516.9	517.4	521.4	521.8
20°	472.4	471.2	472.0	472.8	474.4
22.5°	424.6	423.8	419.4	420.6	421.4
25°	387.7	383.3	376.5	376.9	379.7
27.5°	348.8	344.4	334.7	336.7	339.5
30°	299.0	295.4	288.6	289.8	293.4
32.5°	234.8	242.0	235.6	237.6	236.4
35°	179.0	177.8	180.6	177.0	178.6
37.5°	126.0	126.4	127.6	124.4	124.4
40°	78.3	80.3	81.5	79.9	79.5
42.5°	32.9	45.0	47.4	45.0	33.3
45°	4.4	13.2	26.5	15.7	5.2
47.5°	2.0	2.8	14.0	2.8	2.0
50°	2.0	2.0	5.6	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



TEST NUMBER: P1325480

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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)