

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: P1324847

Luminaire Tested: LDSQA3D05R30W2N902765DE010 3LSQPHRLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324847
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R30W2N902765DE010 3LSQPHRLD1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

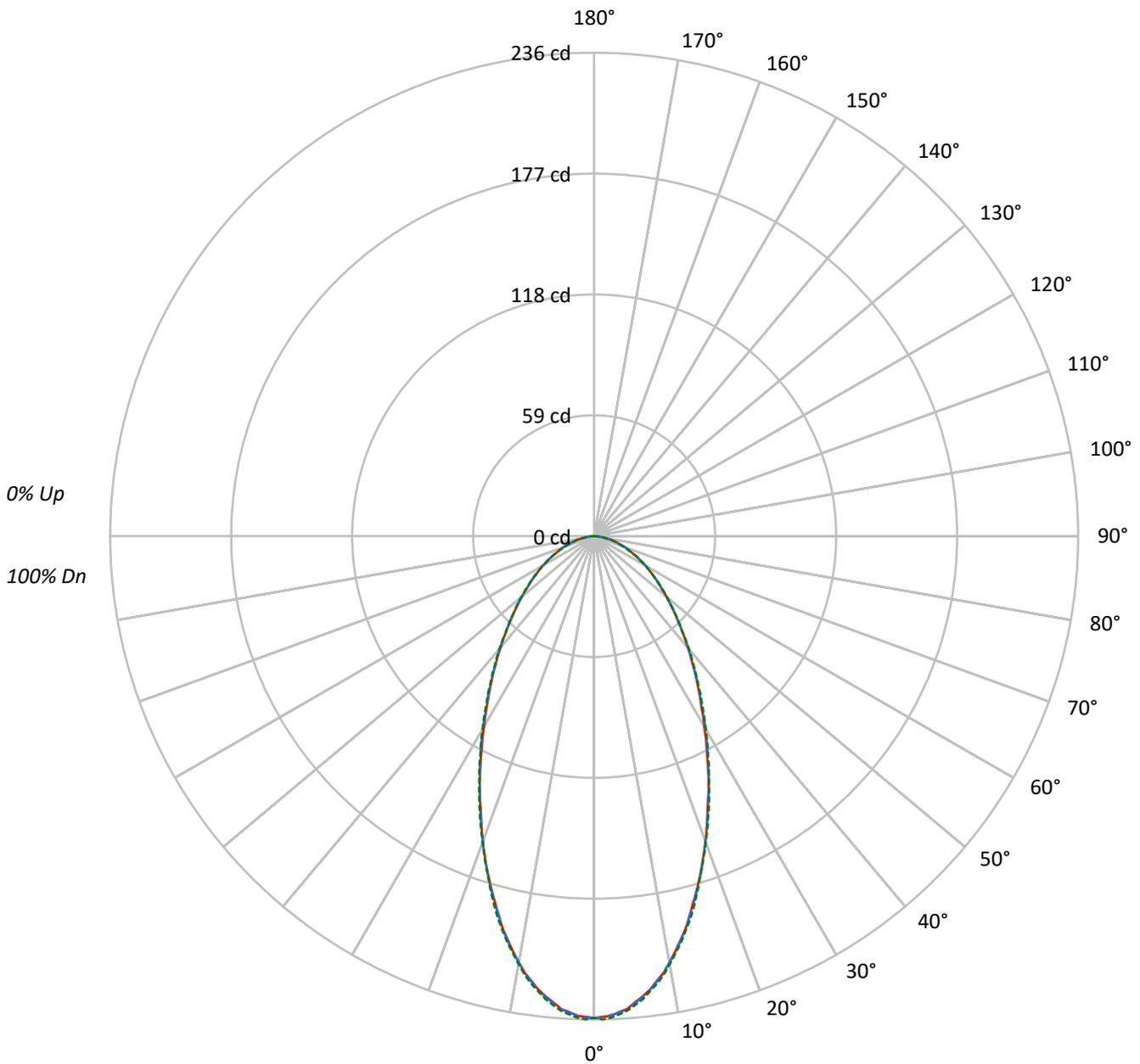
Lumens per Lamp: N/A
Luminaire Lumens: 302.0 lumens
Efficiency: N/A
Efficacy: 51.2 lumens/watt
Spacing Criteria (0/90/45): 0.81 / 0.81 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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



— 0°-180° - - 45°-225° - · - · 90°-270°



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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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	
1	111	107	103	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	88	
2	103	96	90	85	100	94	89	84	91	86	83	87	84	81	85	82	79	79	77	
3	95	86	80	74	93	85	79	73	82	77	72	79	75	71	77	73	70	70	68	
4	89	78	71	65	86	77	70	65	75	69	64	73	67	63	71	66	62	62	60	
5	83	72	64	58	81	71	63	58	69	62	57	67	61	57	65	60	56	56	54	
6	77	66	58	52	76	65	58	52	63	57	52	62	56	51	60	55	51	51	49	
7	72	61	53	48	71	60	53	47	58	52	47	57	51	47	56	51	47	47	45	
8	68	56	49	44	67	56	48	43	54	48	43	53	47	43	52	47	43	43	41	
9	64	52	45	40	63	52	45	40	51	44	40	50	44	40	49	43	40	40	38	
10	61	49	42	37	60	48	42	37	48	41	37	47	41	37	46	41	37	37	35	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	40507	40507	40507
5°	39503	39572	39728
10°	36970	36970	37109
15°	33146	33217	33449
20°	29086	29086	29177
25°	25084	25084	25236
30°	21358	21597	21676
35°	18438	18523	18628
40°	15962	16052	16165
45°	13932	14029	14029
50°	12325	12325	12432
55°	11050	11050	11050
60°	9920	9920	9920
65°	8843	8843	8843
70°	8006	8006	8006
75°	7253	6920	6920
80°	6248	5752	5752
85°	4150	4150	4150

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°
 Vertical Angle: 45°
 Luminance: 14029 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.3	7.1
10°-20°	51.9	17.2
20°-30°	60.7	20.1
30°-40°	55.2	18.3
40°-50°	44.6	14.8
50°-60°	32.9	10.9
60°-70°	21.7	7.2
70°-80°	11.2	3.7
80°-90°	2.6	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°	133.9	44.3
0°-40°	189.1	62.6
0°-60°	266.6	88.3
0°-90°	302.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	302.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	235	235	235	235	235	
5°	228	228	229	229	230	21
15°	186	186	186	186	188	52
25°	132	132	132	132	133	60
35°	88	87	88	88	89	55
45°	57	58	58	58	58	44
55°	37	36	37	36	37	33
65°	22	22	22	22	22	22
75°	11	10	10	10	10	12
85°	2	2	2	2	2	3
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	235.2	235.2	235.2	235.2	235.2
1°	234.8	234.8	235.2	234.8	236.0
2°	234.4	233.9	233.9	233.9	235.2
3°	232.7	232.7	233.1	232.7	233.9
4°	231.4	231.0	231.4	231.0	232.3
5°	228.5	228.5	228.9	228.9	229.8
6°	226.0	226.0	226.4	226.0	227.3
7°	223.1	223.1	223.1	223.1	223.9
8°	219.3	219.3	219.7	219.7	220.6
9°	216.0	215.6	215.6	215.6	216.8
10°	211.4	211.4	211.4	211.4	212.2
11°	206.8	206.8	206.8	206.8	207.6
12°	201.8	201.8	202.2	201.8	203.0
13°	197.2	197.2	197.2	197.2	198.0
14°	191.7	191.3	191.7	191.7	193.0
15°	185.9	186.3	186.3	186.3	187.6
17.5°	172.5	172.5	172.9	172.1	172.9
20°	158.7	158.3	158.7	158.7	159.2
22.5°	144.5	145.0	145.0	145.0	145.8
25°	132.0	131.6	132.0	132.0	132.8
27.5°	119.1	119.5	119.9	119.5	120.3
30°	107.4	108.2	108.6	107.8	109.0
32.5°	96.9	96.9	97.3	97.8	98.2
35°	87.7	87.3	88.1	88.1	88.6
37.5°	79.0	79.0	79.0	79.4	79.8
40°	71.0	71.0	71.4	71.4	71.9
42.5°	63.9	63.5	63.9	63.9	63.9
45°	57.2	57.6	57.6	57.6	57.6
47.5°	51.4	51.4	51.8	51.4	51.8
50°	46.0	46.0	46.0	46.0	46.4
52.5°	40.9	40.9	40.9	40.9	41.4
55°	36.8	36.3	36.8	36.3	36.8
57.5°	32.6	32.6	32.6	32.6	32.6
60°	28.8	28.4	28.8	28.4	28.8
62.5°	25.1	25.1	25.1	25.1	25.1
65°	21.7	21.7	21.7	21.7	21.7
67.5°	18.8	18.8	18.8	18.4	18.4
70°	15.9	15.9	15.9	15.9	15.9
72.5°	13.4	13.0	13.0	13.0	13.0
75°	10.9	10.4	10.4	10.4	10.4
77.5°	8.4	8.4	7.9	7.9	8.4
80°	6.3	5.8	5.8	5.8	5.8
82.5°	3.8	3.8	3.8	3.8	3.8
85°	2.1	2.1	2.1	2.1	2.1
87.5°	0.4	0.4	0.4	0.8	0.8



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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)