

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: P1324135

Luminaire Tested: LDSQA3D17R709030D2WDE010 3LSQCLDWWR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324135
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R709030D2WDE010 3LSQCLDWWWR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
3LSQCLDWWWR1MMS TRIM
Light Source: -
Ballast/Driver: -

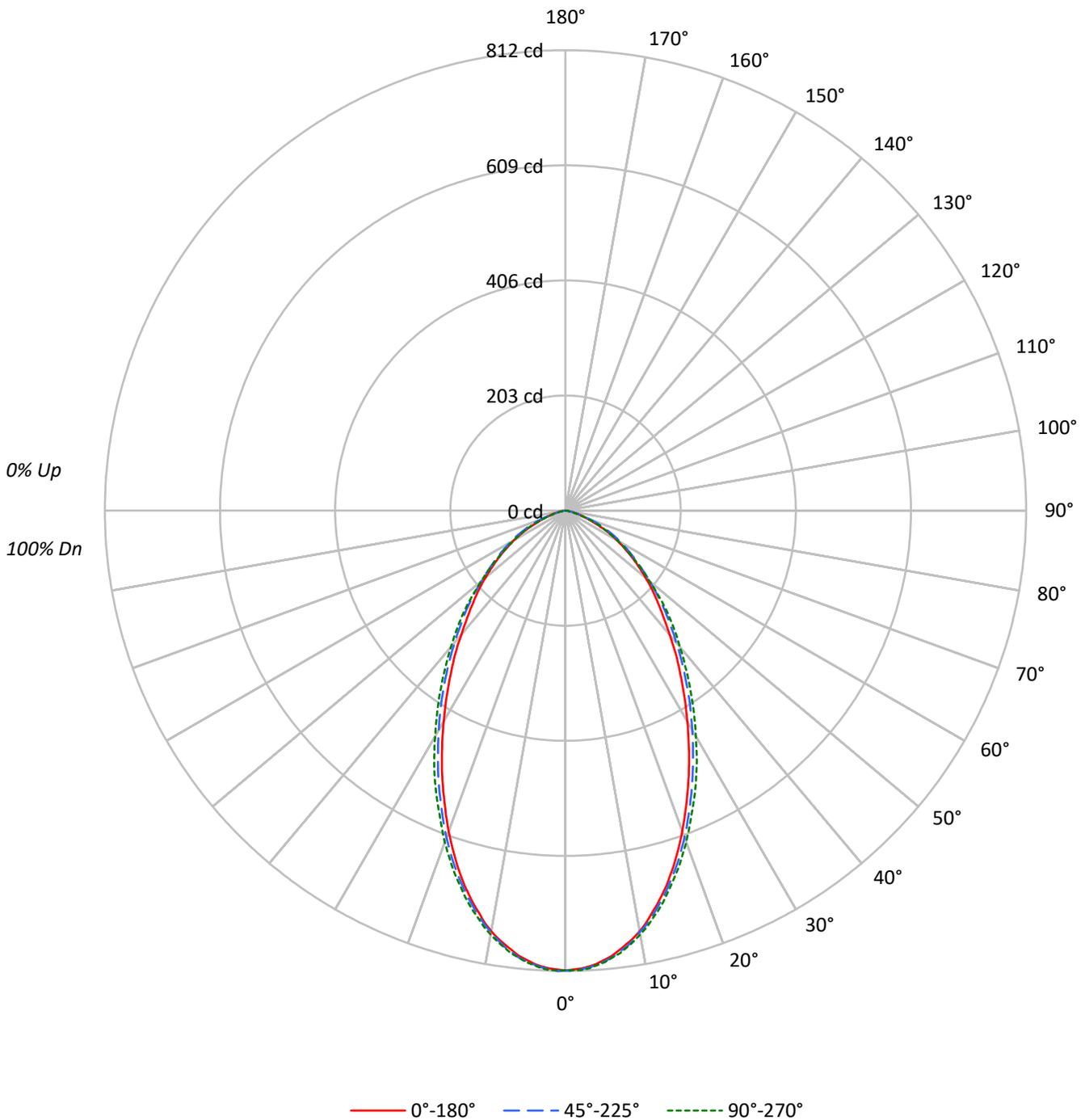
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1161.0 lumens
Efficiency: N/A
Efficacy: 42.5 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 0.99
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	111	108	104	102	109	106	103	100	101	99	97	98	96	94	94	93	91	89
2	103	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	80	79
3	96	87	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69
4	89	79	72	66	87	78	71	66	76	70	65	74	69	64	72	67	64	62
5	83	72	65	59	81	71	64	59	69	63	58	67	62	58	66	61	57	55
6	78	66	59	53	76	65	58	53	64	57	53	62	56	52	61	56	52	50
7	73	61	53	48	71	60	53	48	59	52	48	58	52	47	56	51	47	45
8	68	57	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	41	37	47	41	37	46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	139673	139673	139673
5°	137457	137959	138218
10°	131754	131999	132751
15°	122259	123275	124309
20°	110350	112458	114052
25°	97712	100467	102918
30°	85373	88793	91379
35°	74195	78127	80566
40°	64119	68323	70594
45°	56140	59989	61742
50°	49406	51711	51711
55°	42817	44979	43688
60°	36236	38716	36718
65°	28159	32275	29341
70°	20293	23918	20293
75°	15305	14373	11512
80°	10017	7141	2876
85°	2766	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 61742 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.8	6.4
10°-20°	193.0	16.6
20°-30°	242.3	20.9
30°-40°	231.4	19.9
40°-50°	188.1	16.2
50°-60°	131.7	11.3
60°-70°	74.4	6.4
70°-80°	23.5	2.0
80°-90°	1.8	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°	510.0	43.9
0°-40°	741.4	63.9
0°-60°	1061.2	91.4
0°-90°	1161.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1161.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	811	811	811	811	811	
5°	795	797	798	797	800	75
15°	686	687	691	693	697	191
25°	514	520	529	537	542	236
35°	353	359	372	379	383	221
45°	230	236	246	251	254	179
55°	143	144	150	147	146	128
65°	69	74	79	75	72	69
75°	23	23	22	19	17	25
85°	1	1	0	0	0	3
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	811.0	811.0	811.0	811.0	811.0
1°	809.5	811.0	812.4	809.5	811.0
2°	808.1	809.5	809.5	808.1	811.0
3°	805.2	806.7	806.7	805.2	808.1
4°	800.9	802.3	802.3	800.9	803.8
5°	795.1	796.6	798.0	796.6	799.5
6°	789.4	790.8	792.3	790.8	792.3
7°	780.7	783.6	783.6	783.6	786.5
8°	772.1	775.0	776.4	775.0	777.9
9°	763.5	764.9	766.3	766.3	769.2
10°	753.4	754.8	754.8	756.2	759.1
11°	741.8	741.8	744.7	744.7	749.0
12°	727.4	728.9	731.8	733.2	736.1
13°	714.5	715.9	718.8	720.2	724.6
14°	700.1	703.0	705.8	707.3	711.6
15°	685.7	687.1	691.4	692.9	697.2
17.5°	645.3	646.8	654.0	656.9	661.2
20°	602.1	606.4	613.6	618.0	622.3
22.5°	557.5	561.8	570.4	577.6	580.5
25°	514.2	520.0	528.7	537.3	541.6
27.5°	471.0	476.8	486.9	495.5	501.3
30°	429.3	435.0	446.5	453.7	459.5
32.5°	390.4	396.1	409.1	416.3	420.6
35°	352.9	358.7	371.6	378.8	383.2
37.5°	319.8	325.5	337.1	344.3	347.2
40°	285.2	292.4	303.9	311.1	314.0
42.5°	256.4	262.2	273.7	279.5	283.8
45°	230.5	236.2	246.3	250.6	253.5
47.5°	207.4	210.3	219.0	220.4	223.3
50°	184.4	187.3	193.0	194.5	193.0
52.5°	162.8	165.7	170.0	168.5	168.5
55°	142.6	144.0	149.8	146.9	145.5
57.5°	122.4	125.3	131.1	126.8	125.3
60°	105.2	108.0	112.4	109.5	106.6
62.5°	87.9	89.3	96.5	90.7	87.9
65°	69.1	73.5	79.2	74.9	72.0
67.5°	51.9	59.1	64.8	59.1	56.2
70°	40.3	43.2	47.5	44.7	40.3
72.5°	30.2	31.7	33.1	30.2	27.4
75°	23.0	23.0	21.6	18.7	17.3
77.5°	15.8	15.8	13.0	8.6	8.6
80°	10.1	10.1	7.2	2.9	2.9
82.5°	4.3	4.3	2.9	1.4	1.4
85°	1.4	1.4	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)