

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: P1324074

Luminaire Tested: LDSQA3D17R359030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324074
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R359030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

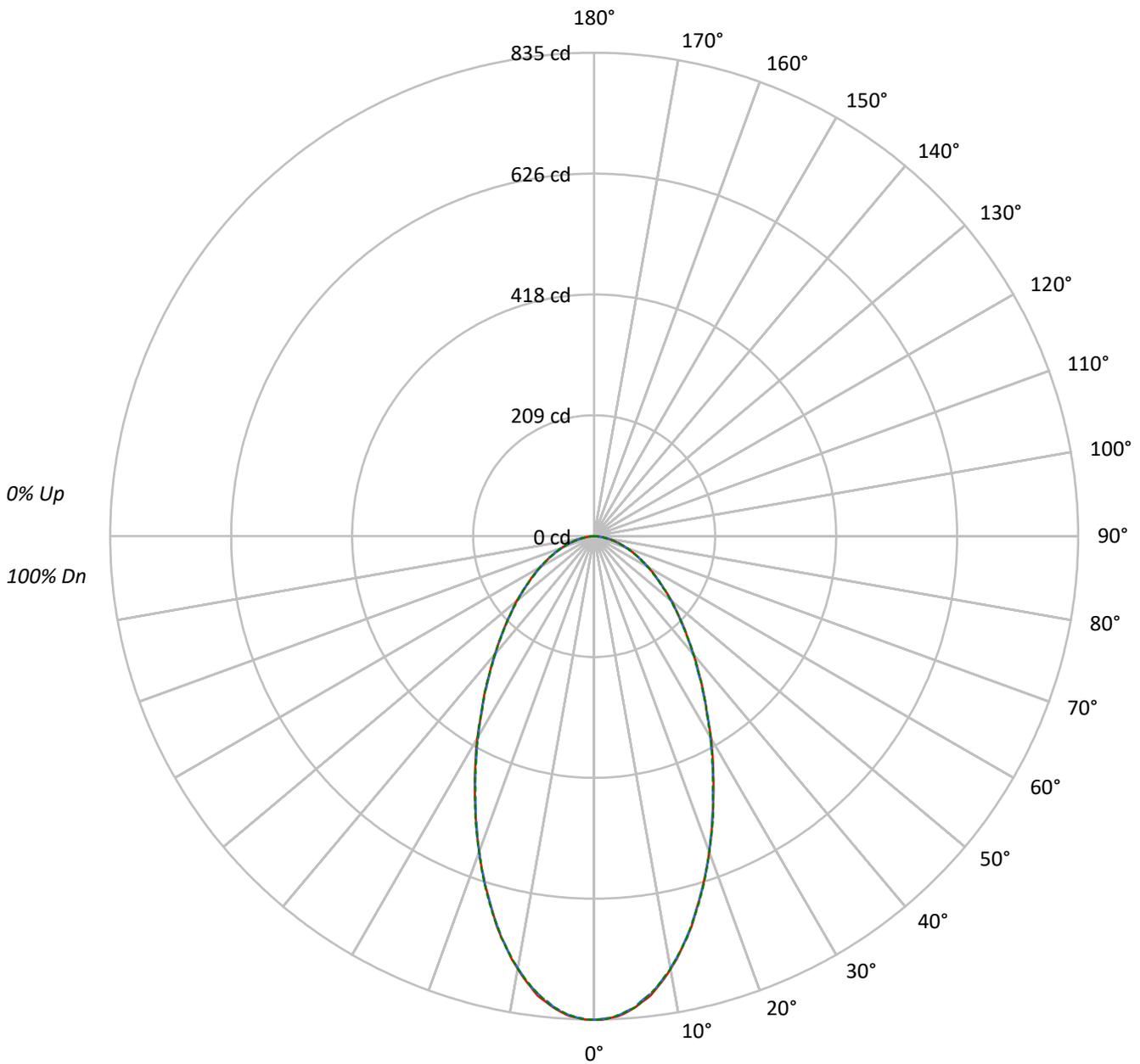
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1116.0 lumens
Efficiency: N/A
Efficacy: 40.9 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
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



— 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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	143875	143875	143875
5°	141174	140932	141174
10°	132734	132489	132734
15°	120191	120191	120440
20°	106373	106373	106373
25°	92505	92239	92239
30°	80202	79626	79904
35°	69044	68729	69044
40°	59915	59577	59915
45°	52609	52268	52268
50°	46700	46298	46298
55°	41076	41076	41076
60°	37200	36718	37200
65°	33457	33457	33457
70°	29760	29760	29760
75°	26816	25885	26816
80°	22811	22811	22811
85°	14227	14227	14227

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 52609 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.0	6.8
10°-20°	188.0	16.8
20°-30°	223.4	20.0
30°-40°	205.3	18.4
40°-50°	166.7	14.9
50°-60°	123.3	11.1
60°-70°	81.5	7.3
70°-80°	42.2	3.8
80°-90°	9.5	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°	487.4	43.7
0°-40°	692.7	62.1
0°-60°	982.8	88.1
0°-90°	1116.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1116.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	835	835	835	835	835	
5°	817	815	815	815	817	76
15°	674	674	674	674	676	188
25°	487	485	485	487	485	224
35°	328	327	327	328	328	206
45°	216	215	215	215	215	167
55°	137	137	137	137	137	124
65°	82	82	82	82	82	82
75°	40	40	39	40	40	43
85°	7	7	7	7	7	9
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	835.4	835.4	835.4	835.4	835.4
1°	835.4	833.9	833.9	833.9	835.4
2°	832.5	832.5	832.5	832.5	832.5
3°	829.6	828.2	828.2	828.2	828.2
4°	823.8	822.4	822.4	822.4	822.4
5°	816.6	815.2	815.2	815.2	816.6
6°	808.0	806.6	805.1	805.1	806.6
7°	799.4	796.5	796.5	796.5	796.5
8°	786.4	785.0	785.0	785.0	785.0
9°	773.4	770.6	772.0	772.0	772.0
10°	759.0	757.6	757.6	757.6	759.0
11°	744.6	743.2	743.2	741.7	743.2
12°	727.3	727.3	727.3	727.3	727.3
13°	711.5	710.1	710.1	710.1	711.5
14°	694.2	692.8	692.8	692.8	692.8
15°	674.1	674.1	674.1	674.1	675.5
17.5°	628.0	626.5	628.0	628.0	629.4
20°	580.4	579.0	580.4	580.4	580.4
22.5°	532.9	532.9	531.5	532.9	534.3
25°	486.8	485.4	485.4	486.8	485.4
27.5°	443.6	442.2	442.2	442.2	442.2
30°	403.3	400.4	400.4	401.8	401.8
32.5°	361.5	361.5	363.0	361.5	361.5
35°	328.4	326.9	326.9	328.4	328.4
37.5°	295.3	293.8	293.8	295.3	295.3
40°	266.5	266.5	265.0	266.5	266.5
42.5°	239.1	239.1	239.1	239.1	239.1
45°	216.0	214.6	214.6	214.6	214.6
47.5°	193.0	193.0	193.0	191.6	193.0
50°	174.3	172.8	172.8	172.8	172.8
52.5°	154.1	154.1	154.1	154.1	154.1
55°	136.8	136.8	136.8	136.8	136.8
57.5°	122.4	121.0	121.0	121.0	121.0
60°	108.0	108.0	106.6	108.0	108.0
62.5°	93.6	93.6	93.6	93.6	93.6
65°	82.1	82.1	82.1	82.1	82.1
67.5°	70.6	70.6	70.6	70.6	70.6
70°	59.1	59.1	59.1	59.1	59.1
72.5°	50.4	49.0	49.0	49.0	49.0
75°	40.3	40.3	38.9	40.3	40.3
77.5°	30.2	30.2	30.2	30.2	30.2
80°	23.0	23.0	23.0	21.6	23.0
82.5°	14.4	14.4	14.4	14.4	14.4
85°	7.2	7.2	7.2	7.2	7.2
87.5°	1.4	1.4	1.4	2.9	2.9



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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)