

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: P1323894

Luminaire Tested: LDSQA3D13R259030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323894
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R259030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

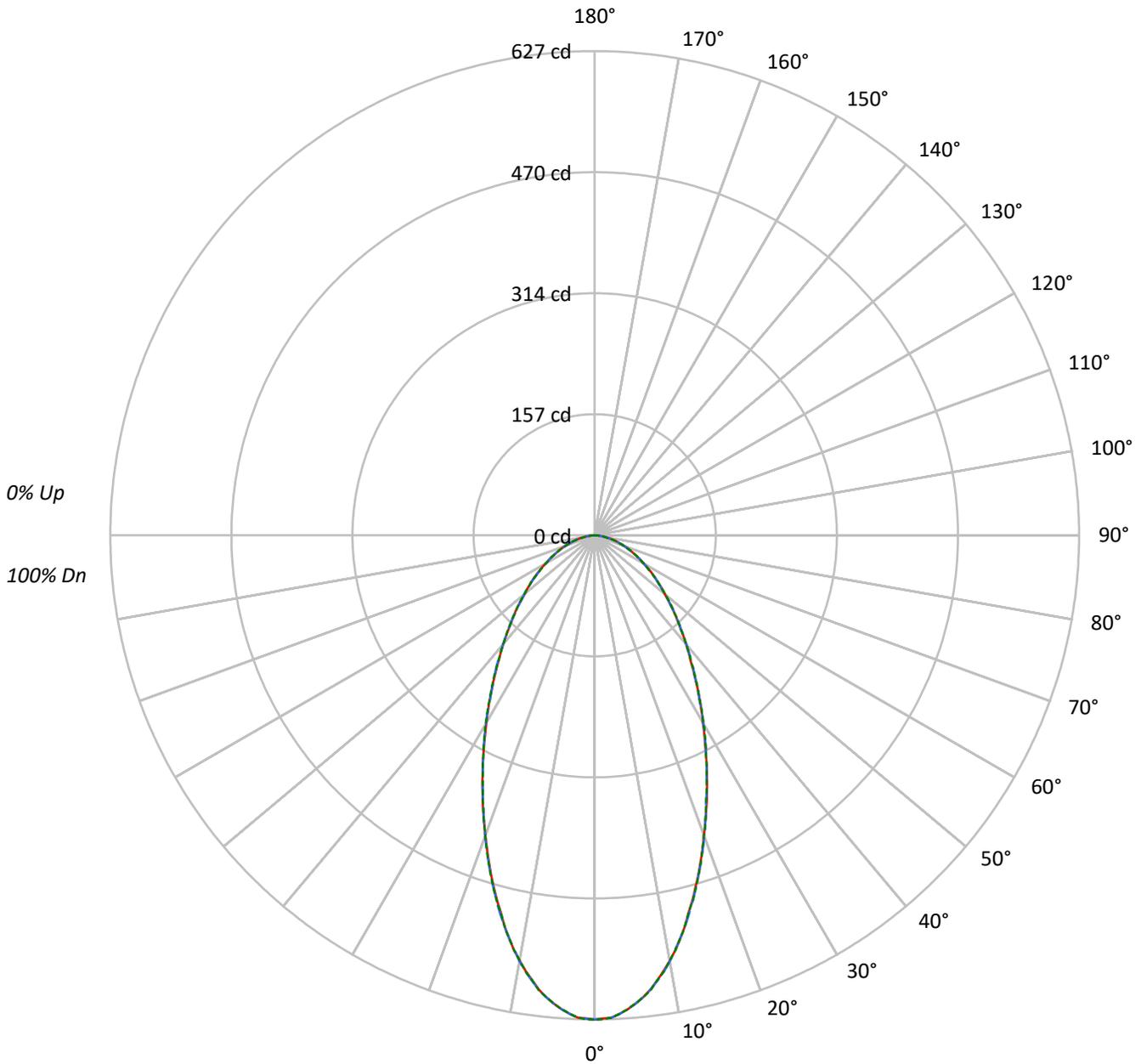
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 785.0 lumens
Efficiency: N/A
Efficacy: 39.1 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	88	
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	77	
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	68	
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	63	61	
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	56	55	
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	51	49	
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	47	45	
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	43	41	
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	40	38	
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	37	35	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	107984	107984	107984
5°	105232	105232	105232
10°	97775	97967	97775
15°	87206	87402	87402
20°	75821	76023	75821
25°	65312	65103	65103
30°	55702	55921	56140
35°	47789	47789	48020
40°	41412	41412	41412
45°	36217	36217	36217
50°	31750	31750	32045
55°	28465	28465	28465
60°	25248	25248	25248
65°	22821	22821	22821
70°	20595	20091	20595
75°	18632	17900	17900
80°	14976	14976	14976
85°	10671	10671	10671

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 36217 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.6	7.2
10°-20°	136.5	17.4
20°-30°	157.7	20.1
30°-40°	143.0	18.2
40°-50°	115.2	14.7
50°-60°	84.9	10.8
60°-70°	55.8	7.1
70°-80°	28.8	3.7
80°-90°	6.5	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°	350.7	44.7
0°-40°	493.7	62.9
0°-60°	693.8	88.4
0°-90°	785.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	785.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	627	627	627	627	627	
5°	609	611	609	609	609	57
15°	489	490	490	489	490	136
25°	344	343	343	344	343	158
35°	227	227	227	227	228	143
45°	149	149	149	149	149	115
55°	95	95	95	94	95	85
65°	56	56	56	56	56	56
75°	28	27	27	27	27	29
85°	5	5	5	5	5	7
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	627.0	627.0	627.0	627.0	627.0
1°	625.9	628.1	625.9	625.9	627.0
2°	624.9	625.9	624.9	624.9	624.9
3°	620.5	622.7	620.5	620.5	620.5
4°	615.2	617.3	615.2	615.2	615.2
5°	608.7	610.8	608.7	608.7	608.7
6°	601.2	602.2	601.2	601.2	601.2
7°	592.5	593.6	592.5	592.5	593.6
8°	581.8	582.8	582.8	581.8	581.8
9°	571.0	572.1	572.1	571.0	572.1
10°	559.1	560.2	560.2	559.1	559.1
11°	547.3	548.4	546.2	546.2	547.3
12°	533.3	534.4	533.3	533.3	533.3
13°	519.3	519.3	519.3	519.3	519.3
14°	503.1	505.3	505.3	504.2	503.1
15°	489.1	490.2	490.2	489.1	490.2
17.5°	451.4	453.6	452.5	452.5	452.5
20°	413.7	414.8	414.8	413.7	413.7
22.5°	378.1	377.1	377.1	377.1	377.1
25°	343.7	342.6	342.6	343.7	342.6
27.5°	310.3	311.3	311.3	310.3	311.3
30°	280.1	280.1	281.2	280.1	282.3
32.5°	253.2	253.2	252.1	253.2	253.2
35°	227.3	227.3	227.3	227.3	228.4
37.5°	203.6	204.7	205.8	205.8	204.7
40°	184.2	184.2	184.2	184.2	184.2
42.5°	164.8	164.8	165.9	165.9	165.9
45°	148.7	148.7	148.7	148.7	148.7
47.5°	133.6	133.6	132.5	132.5	133.6
50°	118.5	119.6	118.5	118.5	119.6
52.5°	106.7	105.6	105.6	106.7	106.7
55°	94.8	94.8	94.8	93.7	94.8
57.5°	84.0	84.0	83.0	83.0	83.0
60°	73.3	73.3	73.3	73.3	73.3
62.5°	64.6	64.6	64.6	64.6	64.6
65°	56.0	56.0	56.0	56.0	56.0
67.5°	48.5	48.5	48.5	48.5	47.4
70°	40.9	40.9	39.9	39.9	40.9
72.5°	33.4	33.4	33.4	33.4	33.4
75°	28.0	26.9	26.9	26.9	26.9
77.5°	21.5	21.5	20.5	21.5	20.5
80°	15.1	15.1	15.1	15.1	15.1
82.5°	10.8	9.7	9.7	9.7	9.7
85°	5.4	5.4	5.4	5.4	5.4
87.5°	1.1	1.1	1.1	1.1	2.2



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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)