

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: P1323895

Luminaire Tested: LDSQA3D13R259030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323895
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R259030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

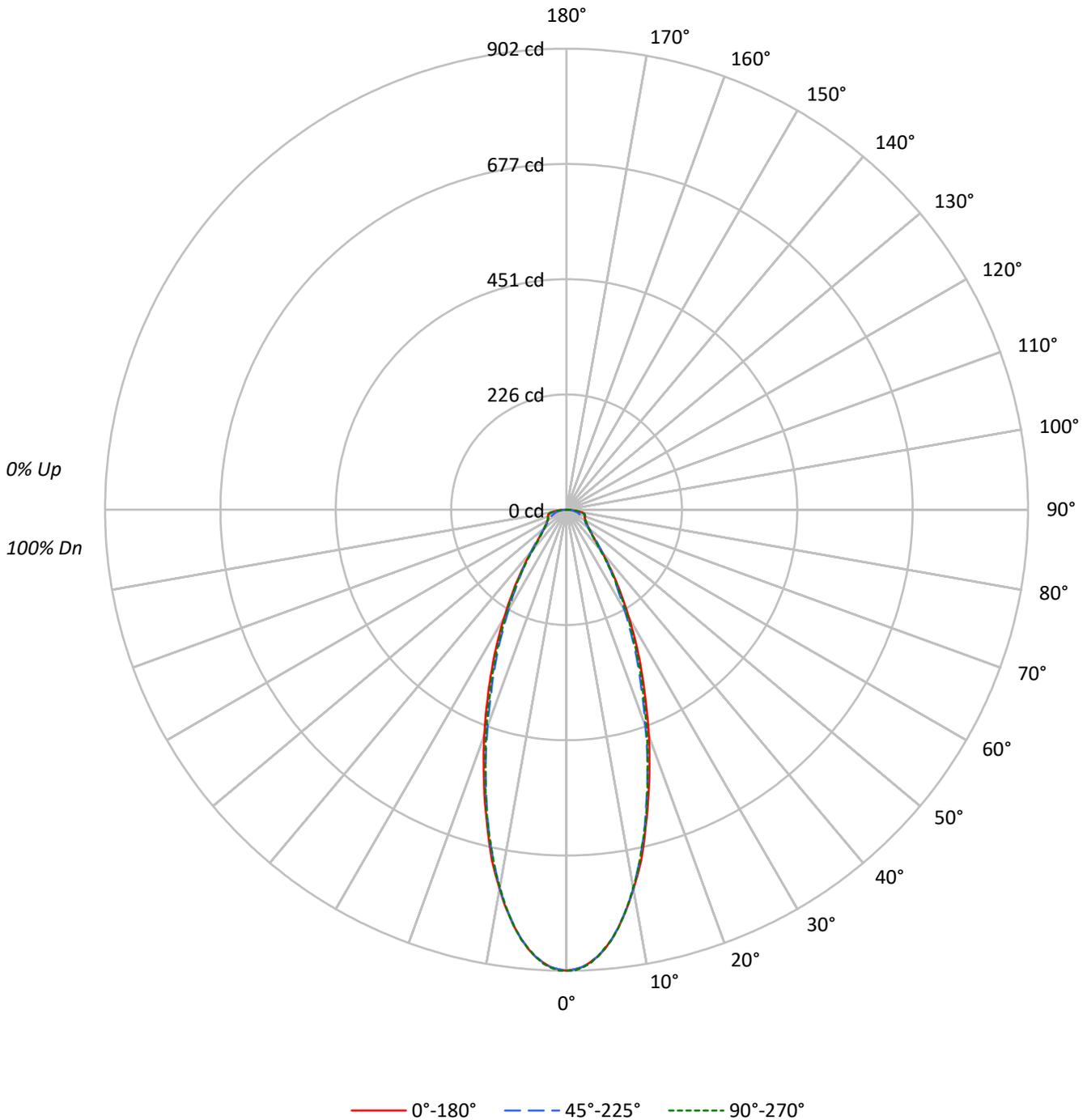
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 681.0 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
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





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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	100		
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89		
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	80		
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	72		
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	66		
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	61		
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	56		
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	53		
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	49		
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46		
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	155293	155293	155293
5°	149006	148816	148816
10°	131719	131527	131160
15°	108780	107246	107817
20°	86176	82621	84013
25°	65635	62158	63792
30°	48364	44944	46853
35°	34606	33029	33471
40°	23696	24191	22977
45°	17561	18608	17293
50°	15272	15272	15004
55°	14533	13902	14533
60°	14811	13709	14811
65°	16219	14018	16219
70°	19487	14099	18984
75°	24354	15038	24354
80°	30944	15968	28861
85°	25491	14820	25491

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 30944 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.7	11.6
10°-20°	167.2	24.6
20°-30°	153.2	22.5
30°-40°	101.0	14.8
40°-50°	58.8	8.6
50°-60°	43.0	6.3
60°-70°	36.5	5.4
70°-80°	30.2	4.4
80°-90°	12.4	1.8
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°	399.1	58.6
0°-40°	500.1	73.4
0°-60°	601.9	88.4
0°-90°	681.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	681.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	902	902	902	902	902	
5°	862	861	861	862	861	79
15°	610	608	602	604	605	169
25°	345	336	327	328	336	159
35°	165	161	157	157	159	104
45°	72	74	76	72	71	58
55°	48	48	46	47	48	44
65°	40	37	34	37	40	40
75°	37	28	23	28	37	38
85°	13	14	8	14	13	14
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	901.7	901.7	901.7	901.7	901.7
1°	899.5	899.5	899.5	899.5	901.7
2°	895.2	894.2	895.2	895.2	896.3
3°	886.6	886.6	886.6	886.6	888.8
4°	875.9	875.9	875.9	875.9	875.9
5°	861.9	860.8	860.8	861.9	860.8
6°	844.7	844.7	844.7	844.7	845.7
7°	825.3	824.2	824.2	823.1	825.3
8°	802.7	802.7	801.6	800.5	802.7
9°	779.0	780.1	778.0	776.9	776.9
10°	753.2	752.1	752.1	752.1	750.0
11°	727.4	724.2	723.1	723.1	725.2
12°	701.6	696.2	694.0	694.0	694.0
13°	670.4	668.2	665.0	662.8	663.9
14°	639.1	639.1	633.8	633.8	635.9
15°	610.1	607.9	601.5	603.6	604.7
17.5°	538.0	533.7	526.2	526.2	527.2
20°	470.2	462.7	450.8	456.2	458.4
22.5°	403.5	396.0	384.1	389.5	391.7
25°	345.4	335.7	327.1	328.2	335.7
27.5°	292.7	281.9	273.3	276.5	280.8
30°	243.2	236.7	226.0	231.3	235.6
32.5°	201.2	195.8	188.3	191.5	195.8
35°	164.6	161.4	157.1	157.1	159.2
37.5°	133.4	132.3	130.2	129.1	128.0
40°	105.4	107.6	107.6	105.4	102.2
42.5°	86.1	88.2	90.4	86.1	82.9
45°	72.1	74.2	76.4	72.1	71.0
47.5°	63.5	64.6	65.6	63.5	62.4
50°	57.0	57.0	57.0	56.0	56.0
52.5°	52.7	51.6	50.6	51.6	51.6
55°	48.4	48.4	46.3	47.3	48.4
57.5°	45.2	44.1	43.0	44.1	45.2
60°	43.0	40.9	39.8	40.9	43.0
62.5°	40.9	38.7	36.6	38.7	40.9
65°	39.8	36.6	34.4	36.6	39.8
67.5°	38.7	34.4	31.2	34.4	38.7
70°	38.7	32.3	28.0	32.3	37.7
72.5°	37.7	30.1	25.8	30.1	37.7
75°	36.6	28.0	22.6	28.0	36.6
77.5°	35.5	25.8	19.4	25.8	34.4
80°	31.2	23.7	16.1	23.7	29.1
82.5°	22.6	19.4	12.9	19.4	21.5
85°	12.9	14.0	7.5	14.0	12.9
87.5°	2.2	3.2	2.2	5.4	4.3



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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)