

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: P1323579

Luminaire Tested: LDSQA3D05R209030D2WDE010 3LSQPHR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323579
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R209030D2WDE010 3LSQPHR1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

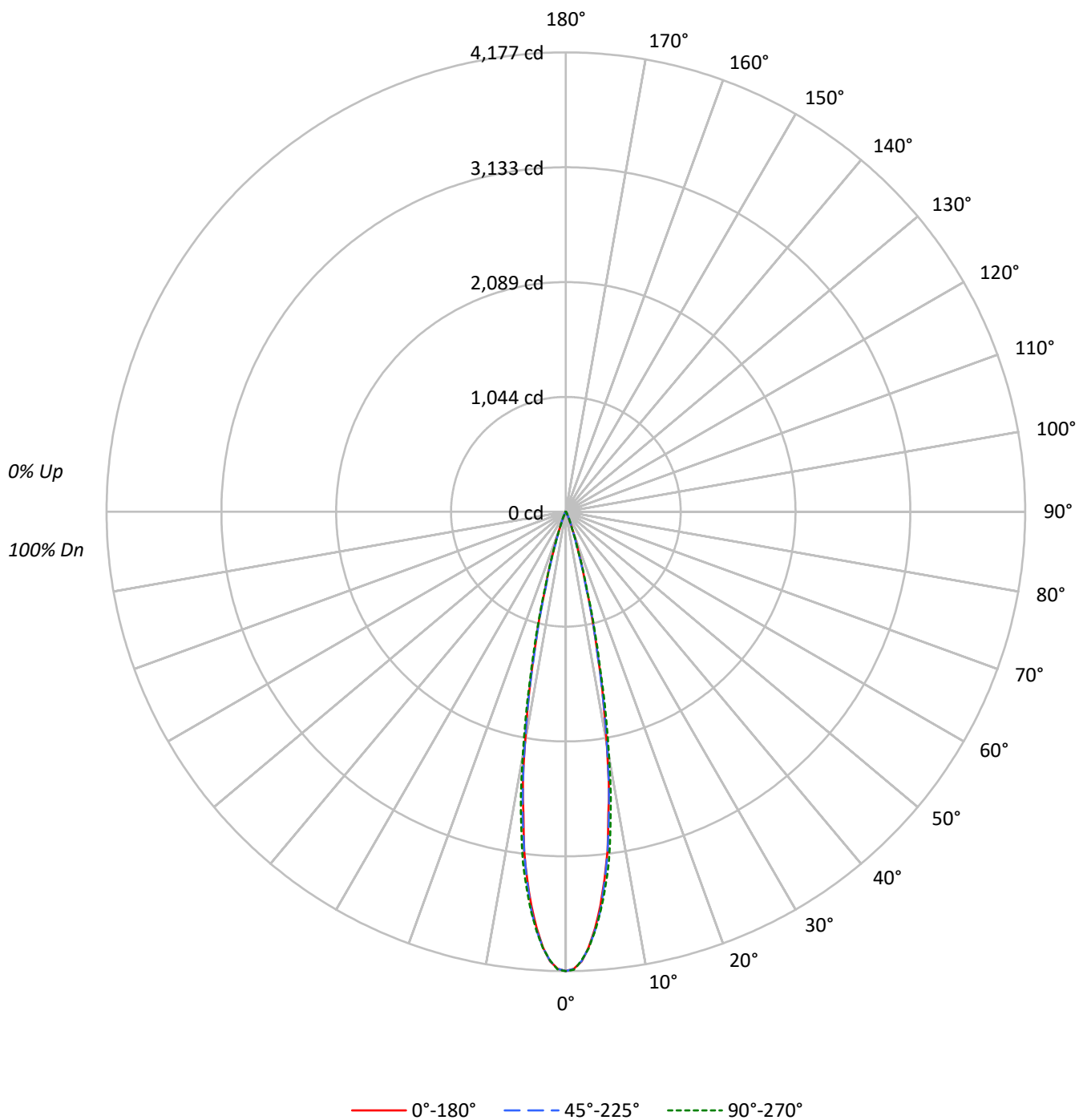
Lumens per Lamp: N/A
Luminaire Lumens: 561.0 lumens
Efficiency: N/A
Efficacy: 50.5 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.36 / 0.33
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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			
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	116	114	112	111	113	112	110	109	108	107	106	104	103	102	101	100	100	98		
2	113	109	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97	96		
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	96	95	94		
4	107	103	99	97	106	102	99	96	100	97	95	98	96	94	96	95	93	92		
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	92	91		
6	103	98	94	92	102	97	94	91	96	93	91	95	92	90	93	91	90	89		
7	101	95	92	90	100	95	92	89	94	91	89	93	90	89	92	90	88	87		
8	99	93	90	88	98	93	90	88	92	89	87	91	89	87	91	88	87	86		
9	97	92	88	86	96	91	88	86	91	88	86	90	87	86	89	87	85	85		
10	95	90	87	85	95	90	87	85	89	86	84	88	86	84	88	86	84	83		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	719340	719340	719340
5°	621419	627210	629544
10°	374085	377582	396382
15°	129391	126360	136434
20°	33979	31963	32055
25°	7411	8931	10166
30°	3182	3182	3281
35°	1787	1577	1682
40°	787	899	1012
45°	244	365	365
50°	134	134	134
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 365 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	298.7	53.3
10°-20°	227.5	40.5
20°-30°	28.1	5.0
30°-40°	5.3	0.9
40°-50°	1.3	0.2
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	554.3	98.8
0°-40°	559.6	99.8
0°-60°	561.0	100.0
0°-90°	561.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	561.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4177	4177	4177	4177	4177	
5°	3594	3592	3628	3626	3642	296
15°	726	700	709	751	765	227
25°	39	44	47	49	54	27
35°	8	8	8	8	8	5
45°	1	2	2	2	2	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4176.8	4176.8	4176.8	4176.8	4176.8
1°	4157.3	4152.3	4156.3	4147.8	4165.3
2°	4090.8	4085.8	4085.8	4080.8	4083.3
3°	3966.9	3974.9	3969.9	3959.4	3972.9
4°	3798.0	3807.0	3815.0	3815.5	3817.5
5°	3594.5	3592.0	3628.0	3625.5	3641.5
6°	3362.6	3359.6	3375.1	3401.1	3433.1
7°	3107.7	3071.3	3112.7	3165.2	3208.2
8°	2777.9	2787.4	2815.9	2877.8	2912.3
9°	2498.0	2442.5	2503.0	2577.0	2614.4
10°	2139.1	2094.2	2159.1	2237.1	2266.6
12.5°	1346.5	1307.5	1328.5	1410.4	1423.4
15°	725.7	699.7	708.7	751.2	765.2
17.5°	370.4	346.9	341.9	368.9	371.8
20°	185.4	179.9	174.4	176.9	174.9
22.5°	86.0	93.5	92.5	87.5	93.5
25°	39.0	44.5	47.0	49.0	53.5
27.5°	24.0	23.0	26.5	28.5	29.0
30°	16.0	15.5	16.0	16.5	16.5
32.5°	11.5	11.0	10.5	10.5	11.0
35°	8.5	8.5	7.5	8.0	8.0
37.5°	6.0	6.0	5.5	6.0	6.0
40°	3.5	4.0	4.0	4.0	4.5
42.5°	2.0	2.5	2.5	2.5	2.5
45°	1.0	1.5	1.5	1.5	1.5
47.5°	0.5	0.5	0.5	1.0	1.0
50°	0.5	0.5	0.5	0.5	0.5
52.5°	0.5	0.0	0.0	0.0	0.5
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)