

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: P1319401

Luminaire Tested: LDSQA3D17R359835DE010 3LSQPHRL1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1319401  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R359835DE010 3LSQPHRL1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , 3LSQPHRL1MW TRIM  
Light Source: -  
Ballast/Driver: -

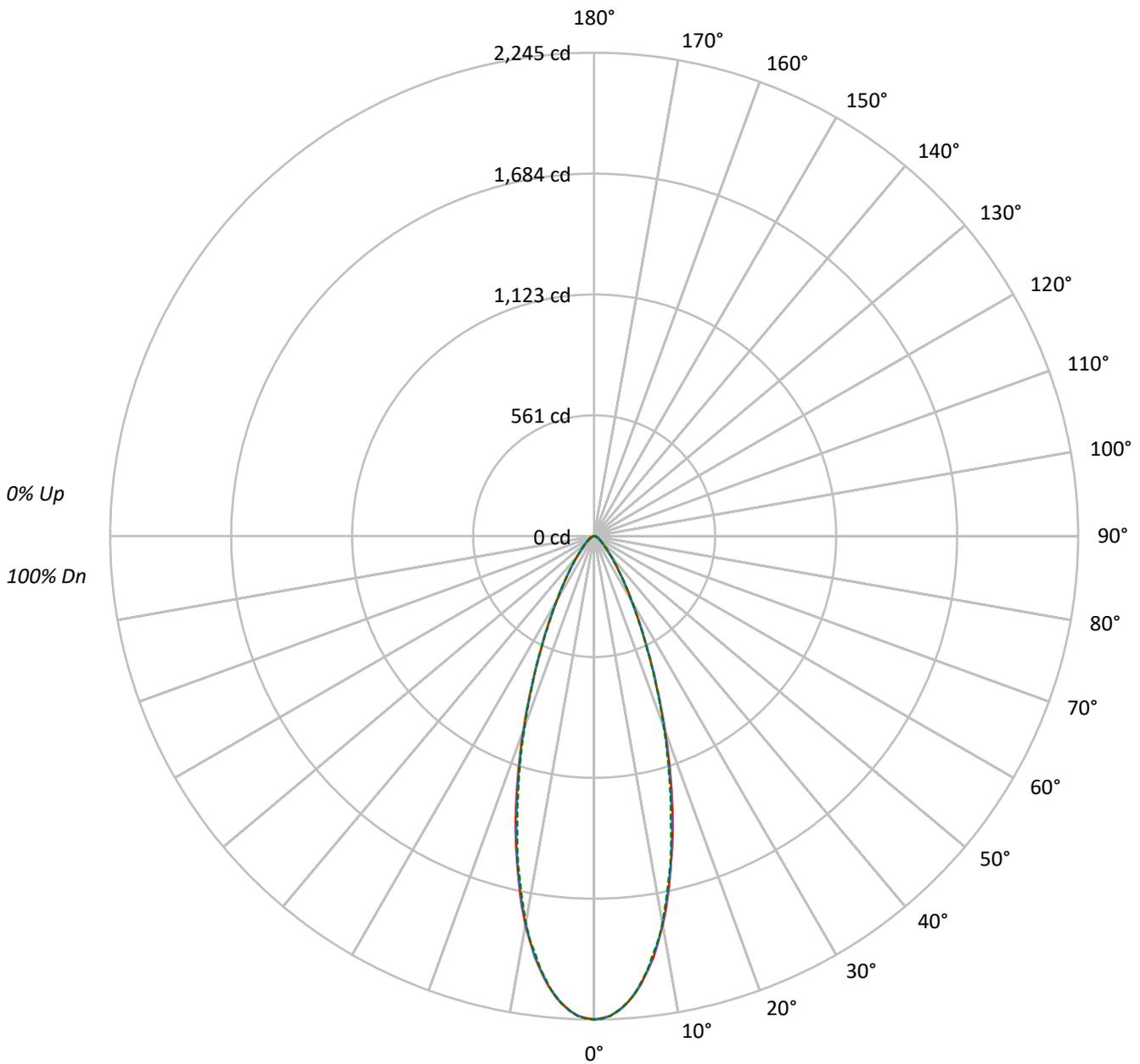
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1107.0 lumens  
Efficiency: N/A  
Efficacy: 54.3 lumens/watt  
Spacing Criteria (0/90/45): 0.59 / 0.58 / 0.6  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 20.4  
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	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	83	83	83	82
4	98	91	86	82	97	90	85	81	88	84	80	86	82	79	84	81	78	78	78	78	77
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	74	74	74	73
6	90	81	76	72	88	81	75	71	79	74	71	78	74	70	76	73	70	70	70	70	69
7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	66	66	66	65
8	82	73	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	63	63	63	62
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	60	60	60	59
10	76	67	62	58	75	67	61	58	66	61	58	65	61	58	64	60	57	57	57	57	56

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	386588	386588	386588
5°	369394	368754	369394
10°	320676	319610	319190
15°	251275	249314	245374
20°	175798	174222	173104
25°	111641	112344	111641
30°	68788	69285	68788
35°	42554	42806	42806
40°	27023	27293	27293
45°	18218	18511	18827
50°	13155	13477	13477
55°	10299	10299	10299
60°	8439	8439	8439
65°	7498	7498	7498
70°	6798	6798	6798
75°	5723	5723	5723
80°	4860	4860	4860
85°	2371	2371	4940

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 67.5°  
 Vertical Angle: 45°  
 Luminance: 18827 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	194.0	17.5
10°-20°	381.9	34.5
20°-30°	275.6	24.9
30°-40°	132.9	12.0
40°-50°	61.2	5.5
50°-60°	31.7	2.9
60°-70°	18.3	1.7
70°-80°	9.2	0.8
80°-90°	2.2	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°	851.5	76.9
0°-40°	984.3	88.9
0°-60°	1077.2	97.3
0°-90°	1107.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1107.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2245	2245	2245	2245	2245	
5°	2137	2142	2133	2134	2137	194
15°	1409	1407	1398	1392	1376	384
25°	588	589	591	591	588	276
35°	202	202	204	204	204	132
45°	75	76	76	77	77	61
55°	34	34	34	34	34	31
65°	18	18	18	18	18	18
75°	9	9	9	9	9	9
85°	1	1	1	1	2	2
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2244.7	2244.7	2244.7	2244.7	2244.7
1°	2238.5	2242.2	2241.0	2242.2	2241.0
2°	2227.5	2229.9	2227.5	2228.7	2228.7
3°	2204.2	2206.6	2206.6	2205.4	2204.2
4°	2176.0	2182.1	2176.0	2177.2	2173.5
5°	2136.7	2141.6	2133.0	2134.3	2136.7
6°	2088.9	2090.1	2087.7	2086.4	2084.0
7°	2033.7	2038.6	2030.0	2031.2	2028.8
8°	1974.8	1973.6	1973.6	1968.7	1961.3
9°	1903.7	1908.6	1901.2	1898.8	1900.0
10°	1833.7	1833.7	1827.6	1821.5	1825.2
11°	1754.0	1751.6	1747.9	1739.3	1736.8
12°	1666.9	1671.8	1660.8	1657.1	1648.5
13°	1577.4	1584.8	1579.8	1566.4	1567.6
14°	1494.0	1489.1	1485.4	1482.9	1474.4
15°	1409.3	1406.9	1398.3	1392.2	1376.2
17.5°	1177.5	1180.0	1164.0	1161.6	1155.4
20°	959.2	951.8	950.6	951.8	944.5
22.5°	756.8	764.2	755.6	756.8	751.9
25°	587.5	588.8	591.2	591.2	587.5
27.5°	456.3	456.3	453.8	456.3	452.6
30°	345.9	345.9	348.4	350.8	345.9
32.5°	267.4	267.4	267.4	268.6	269.8
35°	202.4	202.4	203.6	203.6	203.6
37.5°	155.8	157.0	158.2	158.2	158.2
40°	120.2	121.4	121.4	122.7	121.4
42.5°	95.7	95.7	95.7	96.9	96.9
45°	74.8	76.0	76.0	77.3	77.3
47.5°	61.3	61.3	61.3	62.6	62.6
50°	49.1	50.3	50.3	50.3	50.3
52.5°	40.5	40.5	41.7	41.7	41.7
55°	34.3	34.3	34.3	34.3	34.3
57.5°	28.2	29.4	29.4	29.4	29.4
60°	24.5	24.5	24.5	24.5	24.5
62.5°	20.9	20.9	20.9	20.9	20.9
65°	18.4	18.4	18.4	18.4	18.4
67.5°	14.7	15.9	15.9	15.9	15.9
70°	13.5	13.5	13.5	13.5	13.5
72.5°	9.8	11.0	11.0	11.0	11.0
75°	8.6	8.6	8.6	8.6	8.6
77.5°	7.4	6.1	6.1	6.1	7.4
80°	4.9	4.9	4.9	4.9	4.9
82.5°	3.7	3.7	3.7	3.7	3.7
85°	1.2	1.2	1.2	1.2	2.5
87.5°	0.0	0.0	0.0	1.2	1.2



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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)