

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: P1314817

Luminaire Tested: LDSQA3D17R359730DE010 3LSQPHRL1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1314817  
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: LDSQA3D17R359730DE010 3LSQPHRL1MMS  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , 3LSQPHRL1MMS TRIM  
Light Source: -  
Ballast/Driver: -

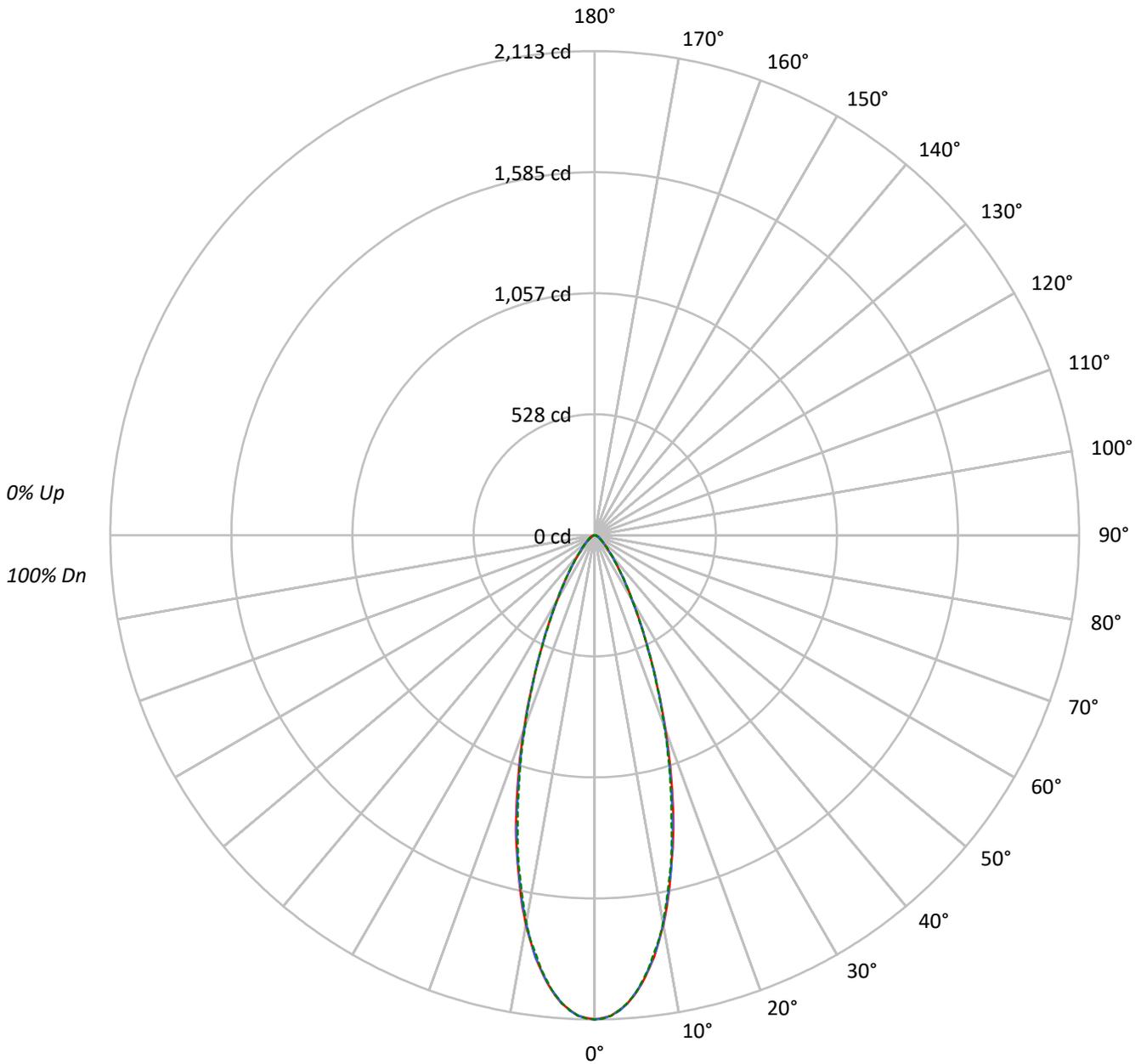
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1042.0 lumens  
Efficiency: N/A  
Efficacy: 49.2 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): 21.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	82
4	98	91	86	82	96	90	85	81	88	84	80	86	82	79	84	81	78	77
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	73
6	90	81	76	72	88	81	75	71	79	74	71	78	74	70	76	73	70	69
7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	65
8	82	73	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	62
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	59
10	76	67	62	58	75	67	61	58	66	61	58	65	61	58	64	60	57	56

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

	0°	45°	90°
0°	363889	363889	363889
5°	347715	347109	347715
10°	301859	300845	300443
15°	236530	234676	230967
20°	165479	163995	162932
25°	105085	105750	105085
30°	64751	65208	64751
35°	40052	40304	40304
40°	25427	25697	25697
45°	17147	17439	17707
50°	12378	12673	12673
55°	9698	9698	9698
60°	7957	7957	7957
65°	7050	7050	7050
70°	6395	6395	6395
75°	5390	5390	5390
80°	4562	4562	4562
85°	2371	2371	4545

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 67.5°  
 Vertical Angle: 45°  
 Luminance: 17707 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	182.6	17.5
10°-20°	359.5	34.5
20°-30°	259.4	24.9
30°-40°	125.1	12.0
40°-50°	57.6	5.5
50°-60°	29.8	2.9
60°-70°	17.2	1.7
70°-80°	8.7	0.8
80°-90°	2.1	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°	801.5	76.9
0°-40°	926.6	88.9
0°-60°	1014.0	97.3
0°-90°	1042.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1042.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2113	2113	2113	2113	2113	
5°	2011	2016	2008	2009	2011	183
15°	1327	1324	1316	1310	1295	362
25°	553	554	556	556	553	259
35°	190	190	192	192	192	124
45°	70	72	72	73	73	57
55°	32	32	32	32	32	29
65°	17	17	17	17	17	17
75°	8	8	8	8	8	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°	2112.9	2112.9	2112.9	2112.9	2112.9
1°	2107.1	2110.5	2109.4	2110.5	2109.4
2°	2096.7	2099.0	2096.7	2097.8	2097.8
3°	2074.8	2077.1	2077.1	2075.9	2074.8
4°	2048.2	2054.0	2048.2	2049.4	2045.9
5°	2011.3	2015.9	2007.8	2008.9	2011.3
6°	1966.2	1967.4	1965.1	1963.9	1961.6
7°	1914.3	1918.9	1910.8	1912.0	1909.7
8°	1858.9	1857.7	1857.7	1853.1	1846.2
9°	1791.9	1796.5	1789.6	1787.3	1788.4
10°	1726.1	1726.1	1720.3	1714.5	1718.0
11°	1651.0	1648.7	1645.3	1637.2	1634.9
12°	1569.1	1573.7	1563.3	1559.8	1551.7
13°	1484.8	1491.7	1487.1	1474.4	1475.5
14°	1406.3	1401.6	1398.2	1395.9	1387.8
15°	1326.6	1324.3	1316.2	1310.4	1295.4
17.5°	1108.4	1110.7	1095.7	1093.4	1087.6
20°	902.9	895.9	894.8	895.9	889.0
22.5°	712.4	719.3	711.2	712.4	707.7
25°	553.0	554.2	556.5	556.5	553.0
27.5°	429.5	429.5	427.2	429.5	426.0
30°	325.6	325.6	327.9	330.2	325.6
32.5°	251.7	251.7	251.7	252.8	254.0
35°	190.5	190.5	191.7	191.7	191.7
37.5°	146.6	147.8	148.9	148.9	148.9
40°	113.1	114.3	114.3	115.5	114.3
42.5°	90.1	90.1	90.1	91.2	91.2
45°	70.4	71.6	71.6	72.7	72.7
47.5°	57.7	57.7	57.7	58.9	58.9
50°	46.2	47.3	47.3	47.3	47.3
52.5°	38.1	38.1	39.3	39.3	39.3
55°	32.3	32.3	32.3	32.3	32.3
57.5°	26.6	27.7	27.7	27.7	27.7
60°	23.1	23.1	23.1	23.1	23.1
62.5°	19.6	19.6	19.6	19.6	19.6
65°	17.3	17.3	17.3	17.3	17.3
67.5°	13.9	15.0	15.0	15.0	15.0
70°	12.7	12.7	12.7	12.7	12.7
72.5°	9.2	10.4	10.4	10.4	10.4
75°	8.1	8.1	8.1	8.1	8.1
77.5°	6.9	5.8	5.8	5.8	6.9
80°	4.6	4.6	4.6	4.6	4.6
82.5°	3.5	3.5	3.5	3.5	3.5
85°	1.2	1.2	1.2	1.2	2.3
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)