

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: P1324119

Luminaire Tested: LDSQA3D17R609030D2WDE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324119
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R609030D2WDE010 3LSQCDR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

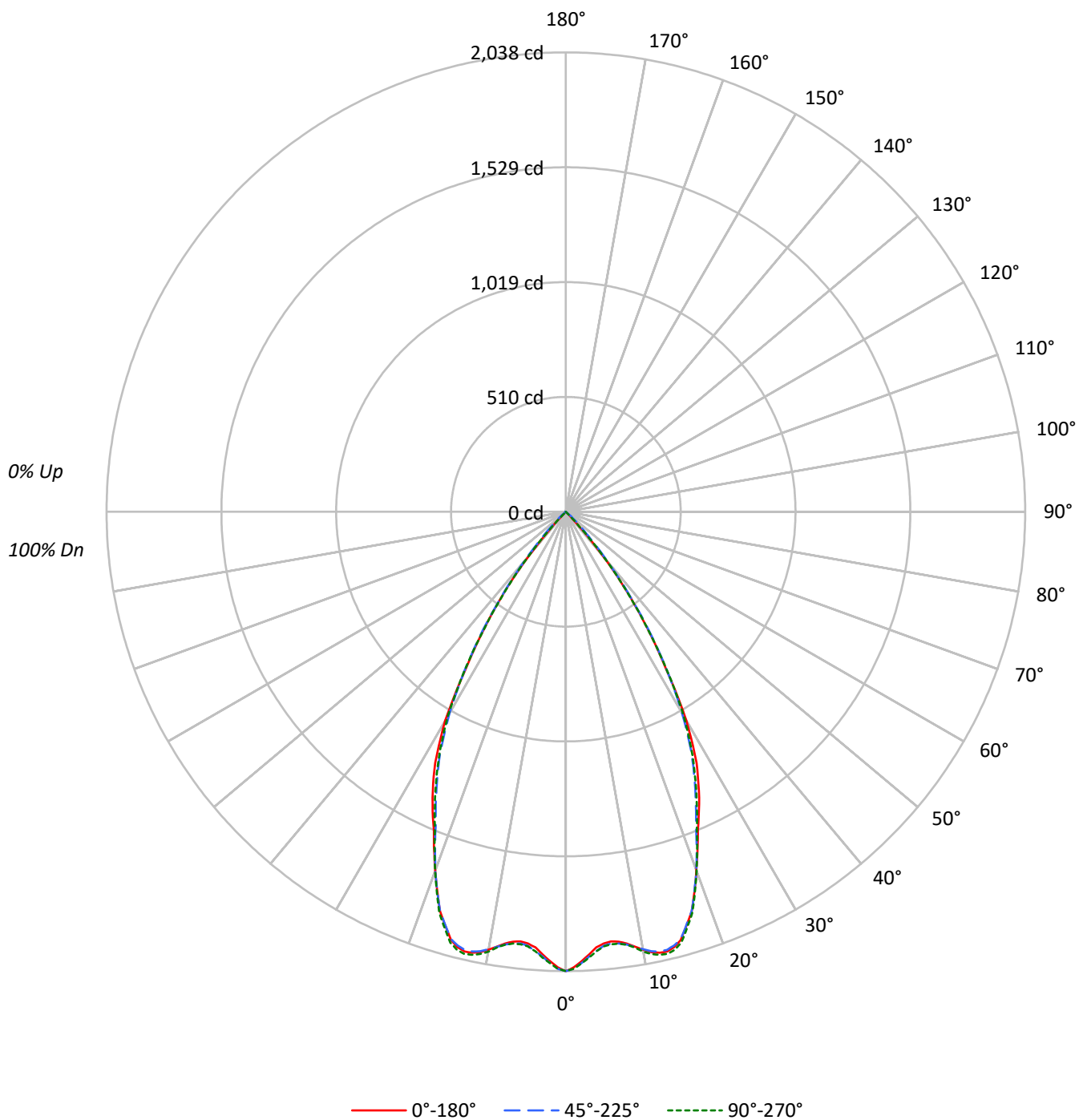
Lumens per Lamp: N/A
Luminaire Lumens: 1806.0 lumens
Efficiency: N/A
Efficacy: 66.2 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94		
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	88		
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	82		
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77		
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	72		
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	67		
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63		
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	59		
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56		
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	350973	350973	350973
5°	332397	334143	334645
10°	345055	344547	346576
15°	350783	350266	352834
20°	310414	310414	310945
25°	266018	258075	260280
30°	212806	205070	208232
35°	132013	134746	131719
40°	57959	63782	59577
45°	706	20703	1754
50°	0	2304	0
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: 45°

Vertical Angle: 45°

Luminance: 20703 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.1	10.3
10°-20°	539.5	29.9
20°-30°	626.4	34.7
30°-40°	394.4	21.8
40°-50°	59.2	3.3
50°-60°	0.3	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°	1352.0	74.9
0°-40°	1746.5	96.7
0°-60°	1806.0	100.0
0°-90°	1806.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1806.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2038	2038	2038	2038	2038	
5°	1923	1930	1933	1937	1936	185
15°	1967	1960	1964	1977	1979	539
25°	1400	1384	1358	1364	1370	636
35°	628	629	641	628	626	392
45°	3	27	85	36	7	39
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2037.9	2037.9	2037.9	2037.9	2037.9
1°	2022.1	2027.9	2027.9	2029.3	2027.9
2°	1994.7	2003.4	2003.4	2007.7	2004.8
3°	1967.4	1974.6	1976.0	1981.8	1980.3
4°	1937.1	1948.6	1953.0	1955.8	1954.4
5°	1922.7	1929.9	1932.8	1937.1	1935.7
6°	1917.0	1922.7	1925.6	1929.9	1929.9
7°	1921.3	1925.6	1929.9	1932.8	1929.9
8°	1934.2	1938.6	1938.6	1944.3	1940.0
9°	1953.0	1954.4	1954.4	1961.6	1957.3
10°	1973.1	1970.2	1970.2	1980.3	1981.8
11°	1990.4	1987.5	1986.1	1996.2	1999.0
12°	2000.5	1994.7	1994.7	2007.7	2009.1
13°	2001.9	1994.7	1994.7	2007.7	2012.0
14°	1990.4	1981.8	1983.2	1997.6	2001.9
15°	1967.4	1960.2	1964.5	1977.4	1978.9
17.5°	1857.9	1853.6	1856.5	1865.1	1866.5
20°	1693.7	1690.8	1693.7	1693.7	1696.6
22.5°	1531.0	1523.8	1509.4	1518.0	1519.5
25°	1399.9	1384.1	1358.1	1363.9	1369.7
27.5°	1255.9	1235.7	1208.4	1215.6	1217.0
30°	1070.1	1060.0	1031.2	1038.4	1047.1
32.5°	826.7	854.1	836.8	835.3	836.8
35°	627.9	629.4	640.9	627.9	626.5
37.5°	439.3	440.7	449.4	435.0	436.4
40°	257.8	276.5	283.7	278.0	265.0
42.5°	80.7	142.6	161.3	139.7	89.3
45°	2.9	27.4	85.0	36.0	7.2
47.5°	0.0	1.4	40.3	2.9	0.0
50°	0.0	0.0	8.6	0.0	0.0
52.5°	0.0	0.0	1.4	0.0	0.0
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



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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)