

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: P1312785

Luminaire Tested: LDSQA3D17R609050DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312785
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: LDSQA3D17R609050DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

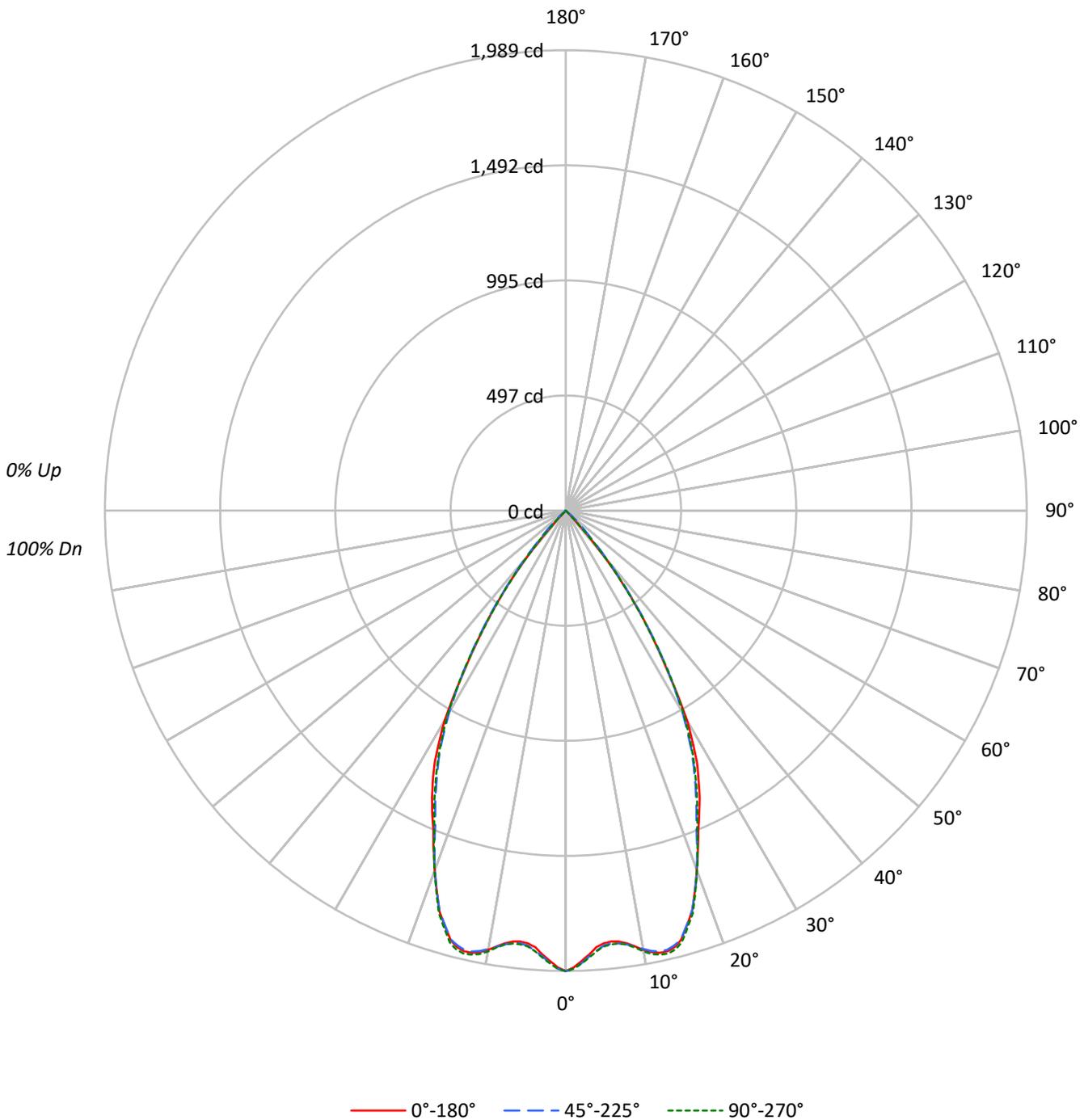
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1763.0 lumens
Efficiency: N/A
Efficacy: 83.2 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): 21.2
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

TEST NUMBER: P1312785
CATALOG NUMBER: LDSQA3D17R609050DE010 3LSQCDR1MMS

Luminous Intensity Polar Plot





TEST NUMBER: P1312785

CATALOG NUMBER: LDSQA3D17R609050DE010 3LSQCDR1MMS

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	342620	342620	342620
5°	324479	326191	326675
10°	336835	336346	338322
15°	342421	341922	344436
20°	303028	303028	303541
25°	259690	251937	254085
30°	207735	200198	203261
35°	128880	131529	128586
40°	56587	62275	58161
45°	682	20215	1705
50°	0	2251	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: 20215 cd/sqm



TEST NUMBER: P1312785

CATALOG NUMBER: LDSQA3D17R609050DE010 3LSQCDR1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.7	10.3
10°-20°	526.7	29.9
20°-30°	611.5	34.7
30°-40°	385.0	21.8
40°-50°	57.8	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°	1319.8	74.9
0°-40°	1704.9	96.7
0°-60°	1763.0	100.0
0°-90°	1763.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1763.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1989	1989	1989	1989	1989	
5°	1877	1884	1887	1891	1890	181
15°	1920	1914	1918	1930	1932	527
25°	1367	1351	1326	1331	1337	621
35°	613	614	626	613	612	383
45°	3	27	83	35	7	38
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



TEST NUMBER: P1312785

CATALOG NUMBER: LDSQA3D17R609050DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1989.4	1989.4	1989.4	1989.4	1989.4
1°	1973.9	1979.6	1979.6	1981.0	1979.6
2°	1947.2	1955.7	1955.7	1959.9	1957.1
3°	1920.5	1927.6	1929.0	1934.6	1933.2
4°	1891.0	1902.2	1906.5	1909.3	1907.9
5°	1876.9	1884.0	1886.8	1891.0	1889.6
6°	1871.3	1876.9	1879.8	1884.0	1884.0
7°	1875.5	1879.8	1884.0	1886.8	1884.0
8°	1888.2	1892.4	1892.4	1898.0	1893.8
9°	1906.5	1907.9	1907.9	1914.9	1910.7
10°	1926.1	1923.3	1923.3	1933.2	1934.6
11°	1943.0	1940.2	1938.8	1948.6	1951.5
12°	1952.9	1947.2	1947.2	1959.9	1961.3
13°	1954.3	1947.2	1947.2	1959.9	1964.1
14°	1943.0	1934.6	1936.0	1950.0	1954.3
15°	1920.5	1913.5	1917.7	1930.4	1931.8
17.5°	1813.7	1809.5	1812.3	1820.7	1822.1
20°	1653.4	1650.6	1653.4	1653.4	1656.2
22.5°	1494.5	1487.5	1473.4	1481.9	1483.3
25°	1366.6	1351.1	1325.8	1331.4	1337.1
27.5°	1226.0	1206.3	1179.6	1186.6	1188.0
30°	1044.6	1034.8	1006.7	1013.7	1022.1
32.5°	807.0	833.7	816.9	815.4	816.9
35°	613.0	614.4	625.6	613.0	611.6
37.5°	428.8	430.2	438.7	424.6	426.0
40°	251.7	269.9	277.0	271.3	258.7
42.5°	78.7	139.2	157.5	136.4	87.2
45°	2.8	26.7	83.0	35.1	7.0
47.5°	0.0	1.4	39.4	2.8	0.0
50°	0.0	0.0	8.4	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



TEST NUMBER: P1312785
CATALOG NUMBER: LDSQA3D17R609050DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)