

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: P1323963

Luminaire Tested: LDSQA3D13R559030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323963
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-28)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R559030D2WDE010 3LSQCDR1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

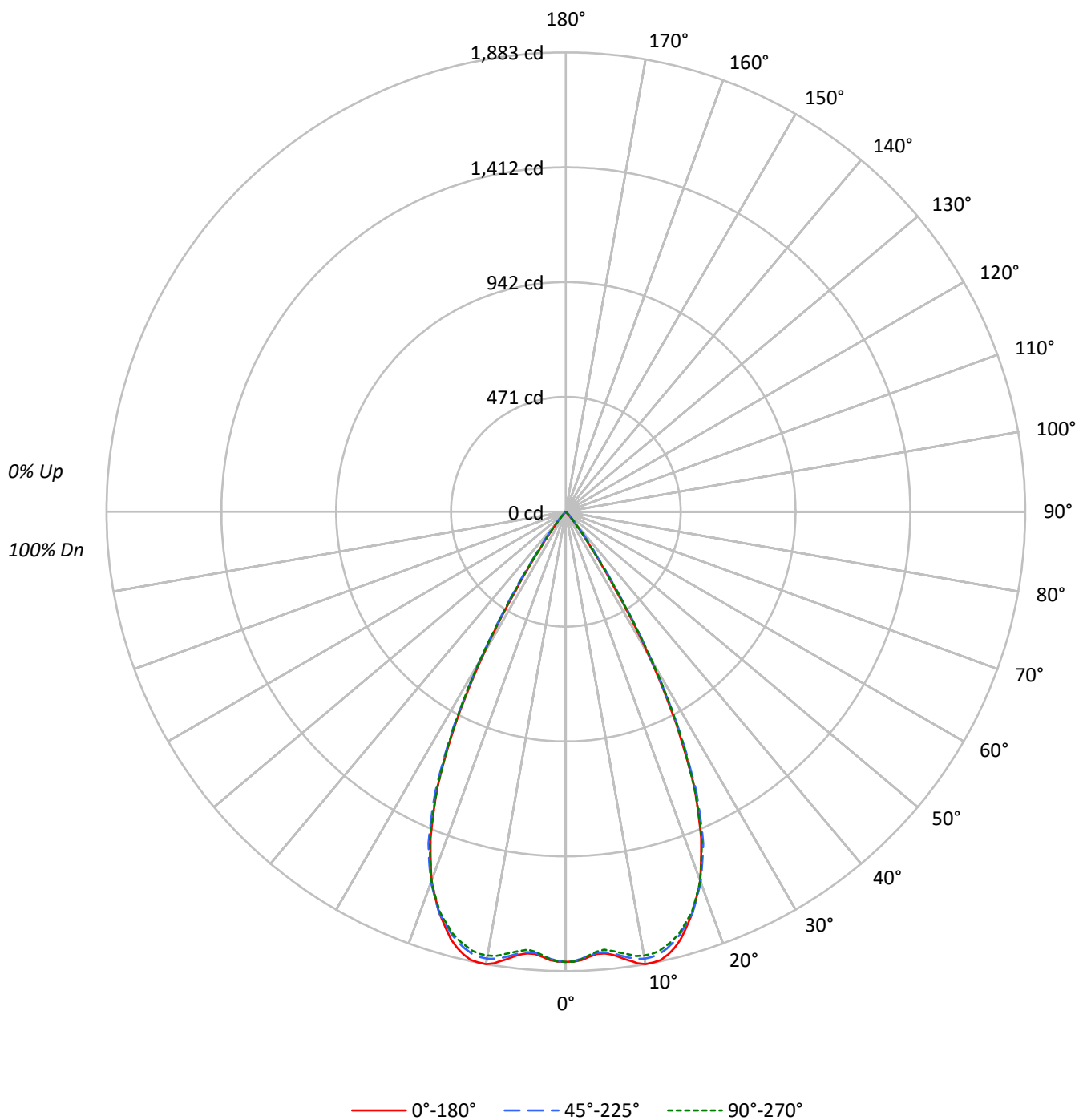
Lumens per Lamp: N/A
Luminaire Lumens: 1403.0 lumens
Efficiency: N/A
Efficacy: 69.8 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.81
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	96	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	89
3	104	99	94	91	103	97	93	90	95	91	89	92	90	87	90	88	86	86	86	84
4	100	93	88	84	98	92	87	84	90	86	83	88	85	82	86	83	81	81	81	80
5	96	88	83	79	94	87	82	79	85	81	78	84	80	77	82	79	77	77	77	75
6	91	83	78	74	90	83	78	74	81	77	74	80	76	73	79	75	73	73	73	71
7	87	79	74	70	86	79	73	70	77	73	69	76	72	69	75	72	69	69	69	67
8	84	75	70	66	83	75	70	66	74	69	66	73	69	65	72	68	65	65	65	64
9	80	72	66	63	79	71	66	63	70	66	62	69	65	62	69	65	62	62	62	61
10	77	68	63	59	76	68	63	59	67	62	59	66	62	59	66	62	59	59	59	58

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	317820	317820	317820
5°	314193	313259	311583
10°	329315	325363	323107
15°	323843	320402	319243
20°	294982	296173	295184
25°	236659	240346	236659
30°	135825	139266	140320
35°	38727	46653	39862
40°	9937	14299	10162
45°	1047	4993	779
50°	0	857	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: 4993 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.2	12.5
10°-20°	500.0	35.6
20°-30°	550.7	39.3
30°-40°	164.4	11.7
40°-50°	12.6	0.9
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°	1225.9	87.4
0°-40°	1390.3	99.1
0°-60°	1403.0	100.0
0°-90°	1403.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1403.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1845	1845	1845	1845	1845	
5°	1817	1814	1812	1804	1802	176
15°	1816	1803	1797	1789	1790	503
25°	1245	1245	1265	1263	1245	545
35°	184	196	222	202	190	152
45°	4	11	20	11	3	8
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°	1845.4	1845.4	1845.4	1845.4	1845.4
1°	1844.4	1844.4	1842.2	1841.1	1844.4
2°	1839.0	1839.0	1833.6	1832.5	1835.7
3°	1827.1	1826.0	1821.7	1818.5	1820.7
4°	1817.4	1815.3	1812.0	1806.6	1807.7
5°	1817.4	1814.2	1812.0	1804.5	1802.3
6°	1826.0	1823.9	1819.6	1812.0	1809.9
7°	1841.1	1836.8	1832.5	1822.8	1820.7
8°	1857.3	1854.0	1845.4	1835.7	1831.4
9°	1873.4	1865.9	1855.1	1845.4	1844.4
10°	1883.1	1872.4	1860.5	1848.7	1847.6
11°	1882.1	1872.4	1858.4	1847.6	1846.5
12°	1877.7	1863.7	1851.9	1839.0	1840.0
13°	1862.7	1849.7	1837.9	1828.2	1826.0
14°	1842.2	1830.3	1819.6	1809.9	1811.0
15°	1816.3	1803.4	1797.0	1789.4	1790.5
17.5°	1724.8	1721.5	1724.8	1716.2	1719.4
20°	1609.5	1606.3	1616.0	1611.7	1610.6
22.5°	1449.0	1453.3	1471.6	1466.2	1456.5
25°	1245.4	1245.4	1264.8	1262.6	1245.4
27.5°	980.4	987.9	999.7	1005.1	992.2
30°	683.0	700.3	700.3	711.0	705.6
32.5°	381.4	418.0	426.6	432.0	410.5
35°	184.2	196.1	221.9	202.5	189.6
37.5°	88.3	93.7	119.6	97.0	90.5
40°	44.2	50.6	63.6	52.8	45.2
42.5°	18.3	26.9	33.4	26.9	18.3
45°	4.3	10.8	20.5	10.8	3.2
47.5°	0.0	1.1	9.7	2.2	0.0
50°	0.0	0.0	3.2	0.0	0.0
52.5°	0.0	0.0	0.0	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)