

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: P1315836

Luminaire Tested: LDSQA3D17R609735DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315836
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: LDSQA3D17R609735DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

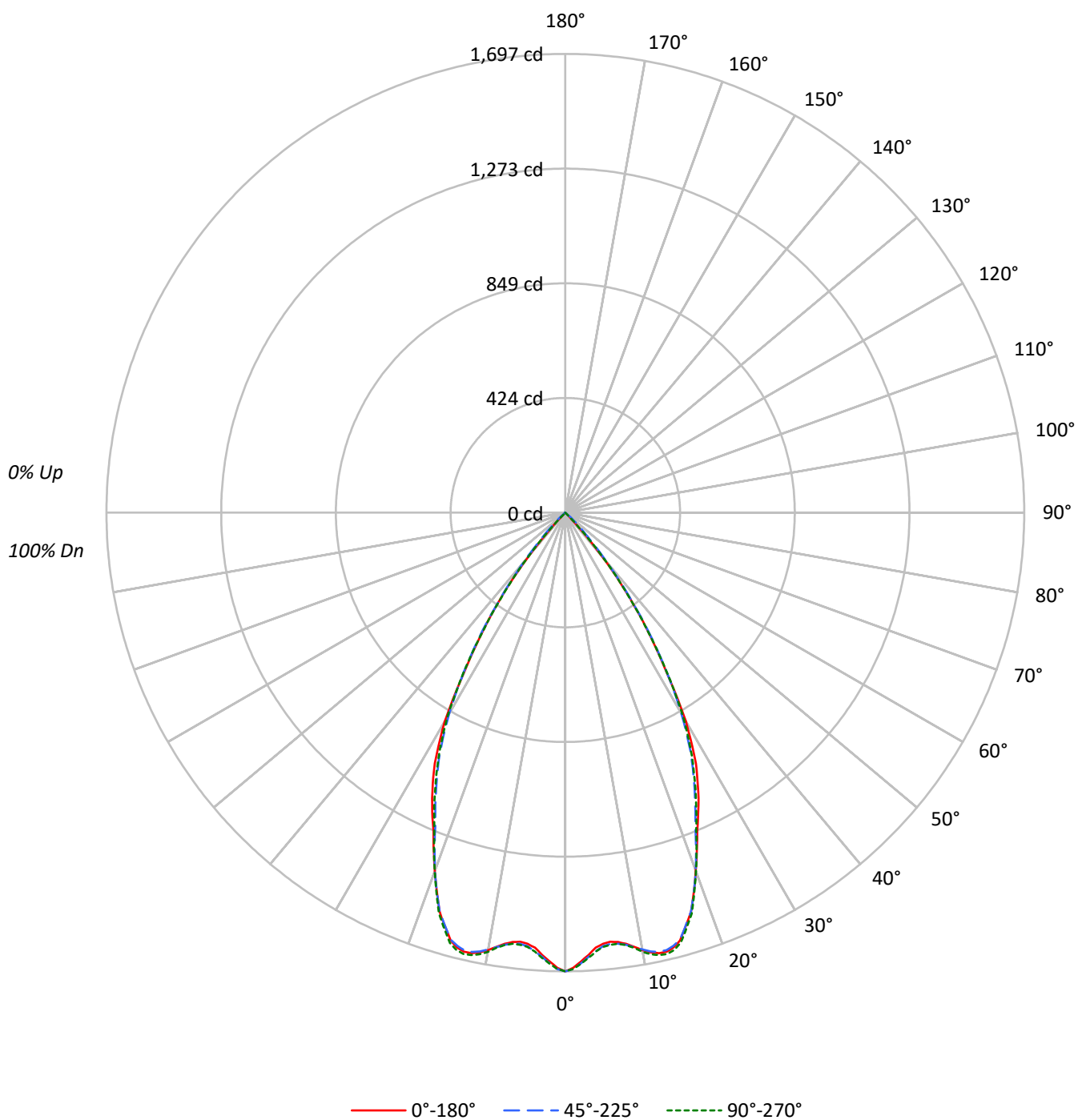
Lumens per Lamp: N/A
Luminaire Lumens: 1504.0 lumens
Efficiency: N/A
Efficacy: 70.9 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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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			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	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°	292296	292296	292296
5°	276816	278268	278683
10°	287362	286942	288621
15°	292123	291696	293835
20°	258510	258510	258950
25°	221533	214920	216744
30°	177229	170786	173411
35°	109937	112208	109685
40°	48269	53125	49618
45°	585	17244	1461
50°	0	1929	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: 17244 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.0	10.3
10°-20°	449.3	29.9
20°-30°	521.6	34.7
30°-40°	328.5	21.8
40°-50°	49.3	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°	1126.0	74.9
0°-40°	1454.4	96.7
0°-60°	1504.0	100.0
0°-90°	1504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1504.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1697	1697	1697	1697	1697	
5°	1601	1607	1610	1613	1612	154
15°	1638	1632	1636	1647	1648	449
25°	1166	1153	1131	1136	1141	530
35°	523	524	534	523	522	326
45°	2	23	71	30	6	32
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°	1697.2	1697.2	1697.2	1697.2	1697.2
1°	1684.0	1688.8	1688.8	1690.0	1688.8
2°	1661.2	1668.4	1668.4	1672.0	1669.6
3°	1638.4	1644.4	1645.6	1650.4	1649.2
4°	1613.2	1622.8	1626.4	1628.8	1627.6
5°	1601.2	1607.2	1609.6	1613.2	1612.0
6°	1596.4	1601.2	1603.6	1607.2	1607.2
7°	1600.0	1603.6	1607.2	1609.6	1607.2
8°	1610.8	1614.4	1614.4	1619.2	1615.6
9°	1626.4	1627.6	1627.6	1633.6	1630.0
10°	1643.2	1640.8	1640.8	1649.2	1650.4
11°	1657.6	1655.2	1654.0	1662.4	1664.8
12°	1666.0	1661.2	1661.2	1672.0	1673.2
13°	1667.2	1661.2	1661.2	1672.0	1675.6
14°	1657.6	1650.4	1651.6	1663.6	1667.2
15°	1638.4	1632.4	1636.0	1646.8	1648.0
17.5°	1547.2	1543.6	1546.0	1553.2	1554.4
20°	1410.5	1408.1	1410.5	1410.5	1412.9
22.5°	1275.0	1269.0	1257.0	1264.2	1265.4
25°	1165.8	1152.6	1131.0	1135.8	1140.6
27.5°	1045.9	1029.1	1006.3	1012.3	1013.5
30°	891.2	882.8	858.8	864.8	872.0
32.5°	688.5	711.2	696.9	695.7	696.9
35°	522.9	524.1	533.7	522.9	521.7
37.5°	365.8	367.0	374.2	362.2	363.4
40°	214.7	230.3	236.3	231.5	220.7
42.5°	67.2	118.7	134.3	116.3	74.4
45°	2.4	22.8	70.8	30.0	6.0
47.5°	0.0	1.2	33.6	2.4	0.0
50°	0.0	0.0	7.2	0.0	0.0
52.5°	0.0	0.0	1.2	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)