

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: P1324048

Luminaire Tested: LDSQA3D17R309030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324048
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R309030D2WDE010 3LSQCDR1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

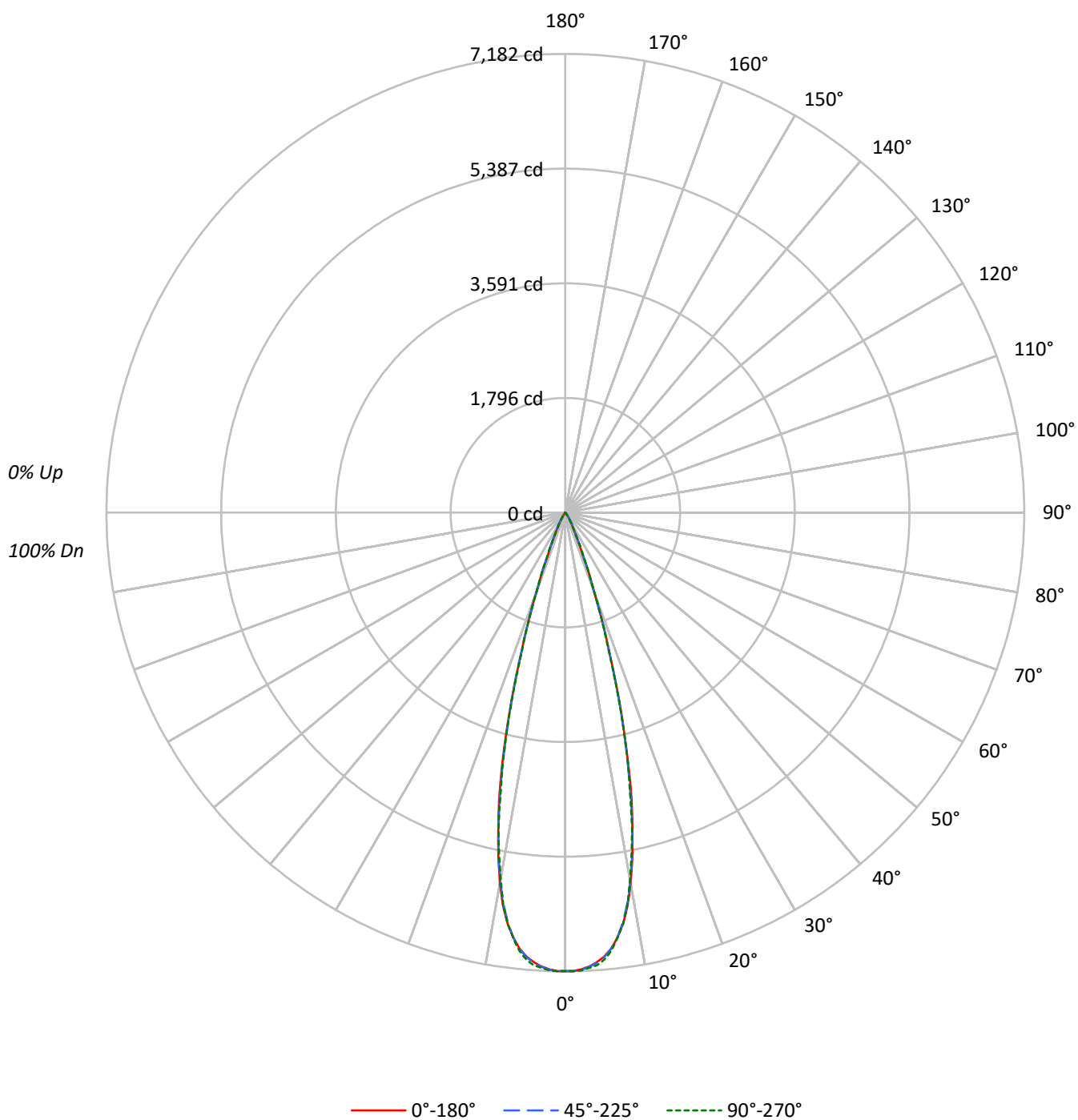
Lumens per Lamp: N/A
Luminaire Lumens: 1852.0 lumens
Efficiency: N/A
Efficacy: 67.8 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1324048

CATALOG NUMBER: LDSQA3D17R309030D2WDE010 3LSQCDR1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1324048

CATALOG NUMBER: LDSQA3D17R309030D2WDE010 3LSQCDR1MB

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	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	102	101	100	99	99	97	96	95
2	112	108	105	103	109	106	104	102	103	101	99	100	99	97	98	96	95	94	93	92
3	108	104	100	97	106	102	99	97	100	97	95	98	95	94	95	94	92	91	90	89
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88	87	86
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	86	85	84
6	99	93	89	86	98	92	89	86	91	88	85	90	87	85	89	86	84	83	82	81
7	96	90	86	83	95	90	86	83	89	85	83	87	85	82	87	84	82	81	80	79
8	94	88	84	81	93	87	83	81	86	83	80	85	82	80	84	82	80	79	78	77
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	77	76	75
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	80	78	76	75	74	73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1236111	1236111	1236111
5°	1205963	1207467	1214192
10°	1029988	1025196	1019145
15°	635615	628162	630480
20°	240219	241539	241282
25°	73901	81008	77189
30°	29790	37804	30943
35°	8788	16042	9083
40°	3552	6475	3552
45°	706	2095	706
50°	0	375	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: 2095 cd/sqm

TEST NUMBER: P1324048

CATALOG NUMBER: LDSQA3D17R309030D2WDE010 3LSQCDR1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	633.0	34.2
10°-20°	937.3	50.6
20°-30°	232.5	12.6
30°-40°	43.6	2.4
40°-50°	5.5	0.3
50°-60°	0.0	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°	1802.8	97.3
0°-40°	1846.5	99.7
0°-60°	1852.0	100.0
0°-90°	1852.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1852.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7177	7177	7177	7177	7177	
5°	6976	6973	6984	6996	7023	634
15°	3565	3530	3523	3550	3536	942
25°	389	415	426	425	406	224
35°	42	55	76	56	43	35
45°	3	4	9	6	3	3
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	

TEST NUMBER: P1324048

CATALOG NUMBER: LDSQA3D17R309030D2WDE010 3LSQCDR1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	7177.4	7177.4	7177.4	7177.4	7177.4
1°	7180.3	7174.5	7174.5	7165.8	7181.7
2°	7154.3	7148.6	7158.6	7151.4	7171.6
3°	7115.4	7108.2	7122.6	7127.0	7137.0
4°	7057.8	7052.1	7067.9	7076.5	7103.9
5°	6975.7	6972.8	6984.4	6995.9	7023.3
6°	6863.4	6859.0	6866.3	6880.7	6897.9
7°	6700.6	6692.0	6697.7	6700.6	6704.9
8°	6494.6	6481.7	6474.5	6490.3	6499.0
9°	6229.6	6215.2	6199.4	6193.6	6213.8
10°	5889.7	5868.1	5862.3	5847.9	5827.7
11°	5495.0	5477.7	5473.4	5447.5	5436.0
12°	5042.7	5034.1	5044.2	5028.3	5022.6
13°	4609.2	4554.5	4547.3	4517.0	4501.2
14°	4096.4	4046.0	4044.6	4028.7	4050.3
15°	3564.9	3530.4	3523.1	3550.5	3536.1
17.5°	2272.9	2296.0	2290.2	2275.8	2251.3
20°	1310.7	1294.9	1317.9	1323.7	1316.5
22.5°	698.6	704.3	708.7	725.9	737.5
25°	388.9	414.8	426.3	424.9	406.2
27.5°	242.0	257.8	279.4	265.0	249.2
30°	149.8	162.8	190.1	164.2	155.6
32.5°	80.7	102.3	122.4	102.3	83.5
35°	41.8	54.7	76.3	56.2	43.2
37.5°	27.4	31.7	49.0	31.7	27.4
40°	15.8	20.2	28.8	20.2	15.8
42.5°	7.2	11.5	15.8	11.5	7.2
45°	2.9	4.3	8.6	5.8	2.9
47.5°	0.0	1.4	4.3	1.4	0.0
50°	0.0	0.0	1.4	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



TEST NUMBER: P1324048

CATALOG NUMBER: LDSQA3D17R309030D2WDE010 3LSQCDR1MB

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)