

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: P1323482

Luminaire Tested: LDSQA3D02R359030D2WDE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323482
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R359030D2WDE010 3LSQCDR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

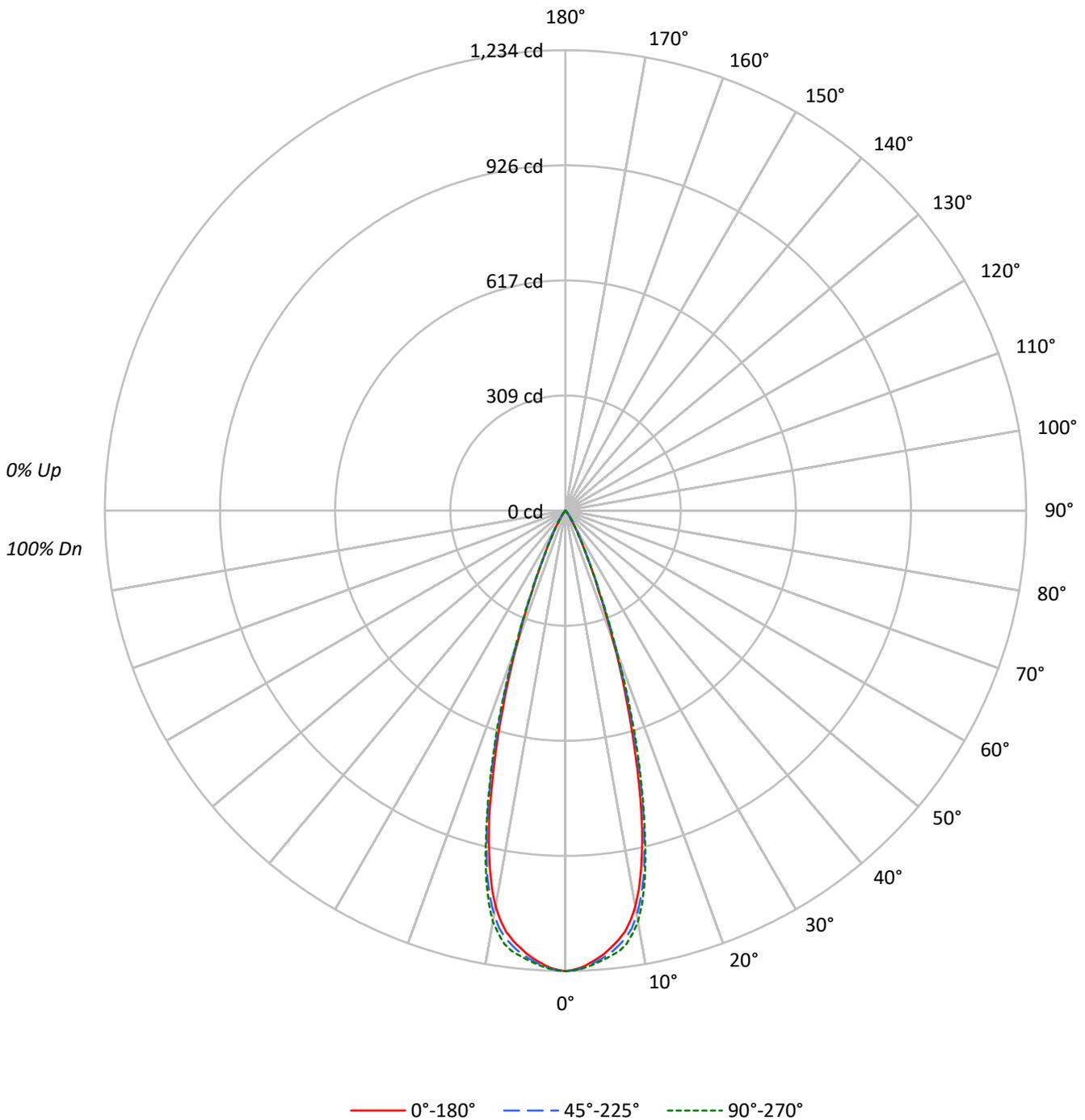
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 411.0 lumens
Efficiency: N/A
Efficacy: 57.1 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1323482
CATALOG NUMBER: LDSQA3D02R359030D2WDE010 3LSQCDR1MMS

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	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	88	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	212592	212592	212592
5°	206143	207612	208736
10°	188380	192367	195655
15°	135471	141390	142549
20°	68967	72430	72614
25°	26167	26718	25977
30°	10162	11773	9904
35°	3490	5466	3280
40°	1169	2113	1102
45°	73	706	73
50°	0	80	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: 706 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.7	27.2
10°-20°	208.2	50.7
20°-30°	74.8	18.2
30°-40°	14.6	3.6
40°-50°	1.6	0.4
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°	394.8	96.1
0°-40°	409.4	99.6
0°-60°	411.0	100.0
0°-90°	411.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	411.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1234	1234	1234	1234	1234	
5°	1192	1196	1201	1206	1207	110
15°	760	772	793	798	800	202
25°	138	139	141	140	137	72
35°	17	19	26	19	16	12
45°	0	1	3	1	0	1
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



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1234.4	1234.4	1234.4	1234.4	1234.4
1°	1230.8	1232.5	1232.8	1235.1	1232.5
2°	1225.6	1226.6	1227.9	1229.9	1228.6
3°	1215.5	1217.5	1220.4	1223.0	1223.0
4°	1204.8	1207.4	1211.0	1215.5	1215.2
5°	1192.4	1195.7	1200.9	1206.4	1207.4
6°	1176.8	1180.7	1189.2	1197.0	1198.3
7°	1160.2	1166.0	1174.2	1185.6	1188.5
8°	1140.7	1145.2	1156.9	1170.3	1173.5
9°	1112.0	1118.8	1133.8	1146.2	1148.1
10°	1077.2	1082.1	1100.0	1113.0	1118.8
11°	1032.3	1039.4	1057.0	1070.3	1074.2
12°	975.0	985.4	1005.9	1015.7	1018.9
13°	913.1	921.9	937.9	949.9	952.5
14°	843.4	851.9	868.5	878.3	876.0
15°	759.8	772.5	793.0	798.5	799.5
17.5°	561.2	569.4	587.6	596.4	602.6
20°	376.3	384.1	395.2	401.1	396.2
22.5°	228.8	235.4	241.2	240.9	239.3
25°	137.7	139.0	140.6	139.7	136.7
27.5°	80.4	84.0	88.9	85.6	80.7
30°	51.1	54.0	59.2	53.7	49.8
32.5°	27.0	34.2	39.7	32.2	28.3
35°	16.6	18.9	26.0	19.2	15.6
37.5°	10.1	11.7	16.3	11.4	9.1
40°	5.2	7.5	9.4	6.8	4.9
42.5°	1.6	3.6	5.2	3.3	1.6
45°	0.3	1.0	2.9	1.0	0.3
47.5°	0.0	0.0	1.3	0.3	0.0
50°	0.0	0.0	0.3	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: P1323482
CATALOG NUMBER: LDSQA3D02R359030D2WDE010 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)