

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: P1323486

Luminaire Tested: LDSQA3D02R359030D2WDE010 3LSQPHR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323486
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R359030D2WDE010 3LSQPHR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

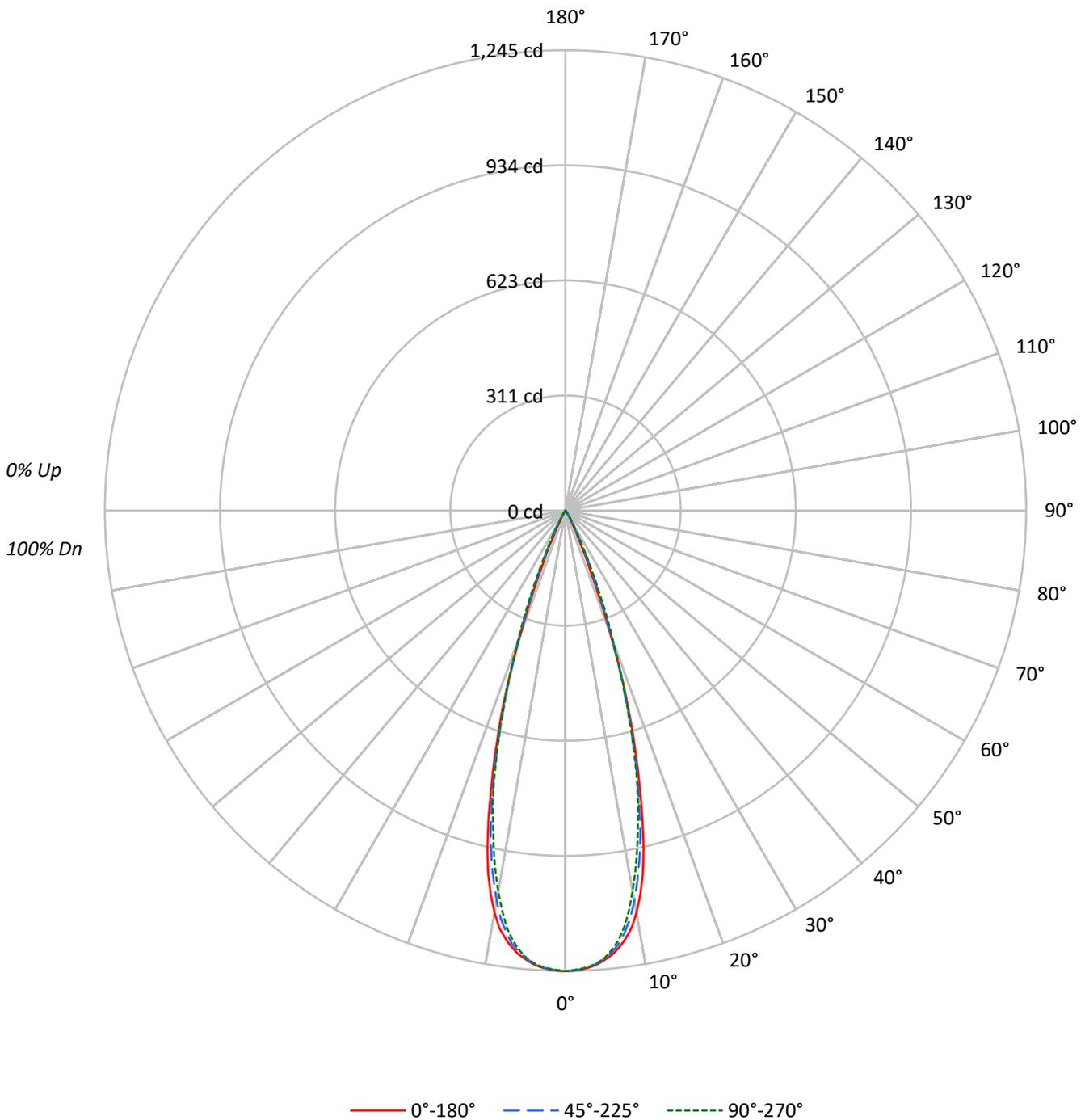
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 378.0 lumens
Efficiency: N/A
Efficacy: 52.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
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

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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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	91	90	89
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	88	87	86
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	81	80
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	79	78
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77	76	75
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75	74	73
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	214486	214486	214486
5°	210793	210344	209894
10°	193189	187383	182836
15°	138341	133920	132297
20°	64146	66364	68692
25°	15221	21663	22575
30°	4474	5111	5767
35°	1030	1640	1514
40°	225	450	292
45°	73	73	73
50°	80	0	80
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: 0°
 Vertical Angle: 52.5°
 Luminance: 85 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.8	29.6
10°-20°	199.9	52.9
20°-30°	60.1	15.9
30°-40°	5.7	1.5
40°-50°	0.4	0.1
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°	371.8	98.4
0°-40°	377.6	99.9
0°-60°	378.0	100.0
0°-90°	378.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	378.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1245	1245	1245	1245	1245	
5°	1219	1219	1217	1215	1214	113
15°	776	770	751	748	742	205
25°	80	88	114	119	119	52
35°	5	6	8	8	7	5
45°	0	0	0	0	0	0
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°	1245.4	1245.4	1245.4	1245.4	1245.4
1°	1244.7	1244.7	1244.1	1244.1	1242.8
2°	1241.8	1242.1	1240.8	1240.5	1239.5
3°	1237.2	1236.3	1236.3	1235.6	1235.0
4°	1230.1	1228.1	1227.5	1227.8	1226.5
5°	1219.3	1219.0	1216.7	1215.1	1214.1
6°	1207.6	1205.3	1200.4	1196.2	1195.2
7°	1190.0	1185.1	1180.9	1172.1	1170.8
8°	1168.5	1160.7	1151.6	1139.2	1138.6
9°	1142.2	1129.5	1116.8	1100.2	1094.3
10°	1104.7	1093.0	1071.5	1056.9	1045.5
11°	1058.2	1043.5	1018.4	1000.9	991.4
12°	1005.4	991.7	962.4	946.5	933.1
13°	937.7	926.3	899.0	881.4	871.0
14°	859.2	850.8	824.7	816.9	813.3
15°	775.9	770.0	751.1	747.9	742.0
17.5°	571.1	561.3	550.6	552.5	554.5
20°	350.0	363.7	362.1	369.2	374.8
22.5°	174.5	192.1	212.6	225.0	231.2
25°	80.1	88.2	114.0	118.8	118.8
27.5°	40.4	42.3	53.7	54.7	57.3
30°	22.5	24.1	25.7	28.7	29.0
32.5°	11.4	13.3	14.0	15.6	15.0
35°	4.9	6.5	7.8	8.5	7.2
37.5°	2.3	2.9	4.2	3.9	2.9
40°	1.0	1.3	2.0	1.6	1.3
42.5°	0.7	0.7	1.0	0.7	0.7
45°	0.3	0.3	0.3	0.3	0.3
47.5°	0.3	0.3	0.0	0.3	0.3
50°	0.3	0.0	0.0	0.0	0.3
52.5°	0.3	0.0	0.0	0.0	0.3
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)