

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: P1318960

Luminaire Tested: LDSQA3D05R359835DE010 3LSQPHR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318960
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: LDSQA3D05R359835DE010 3LSQPHR1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , 3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

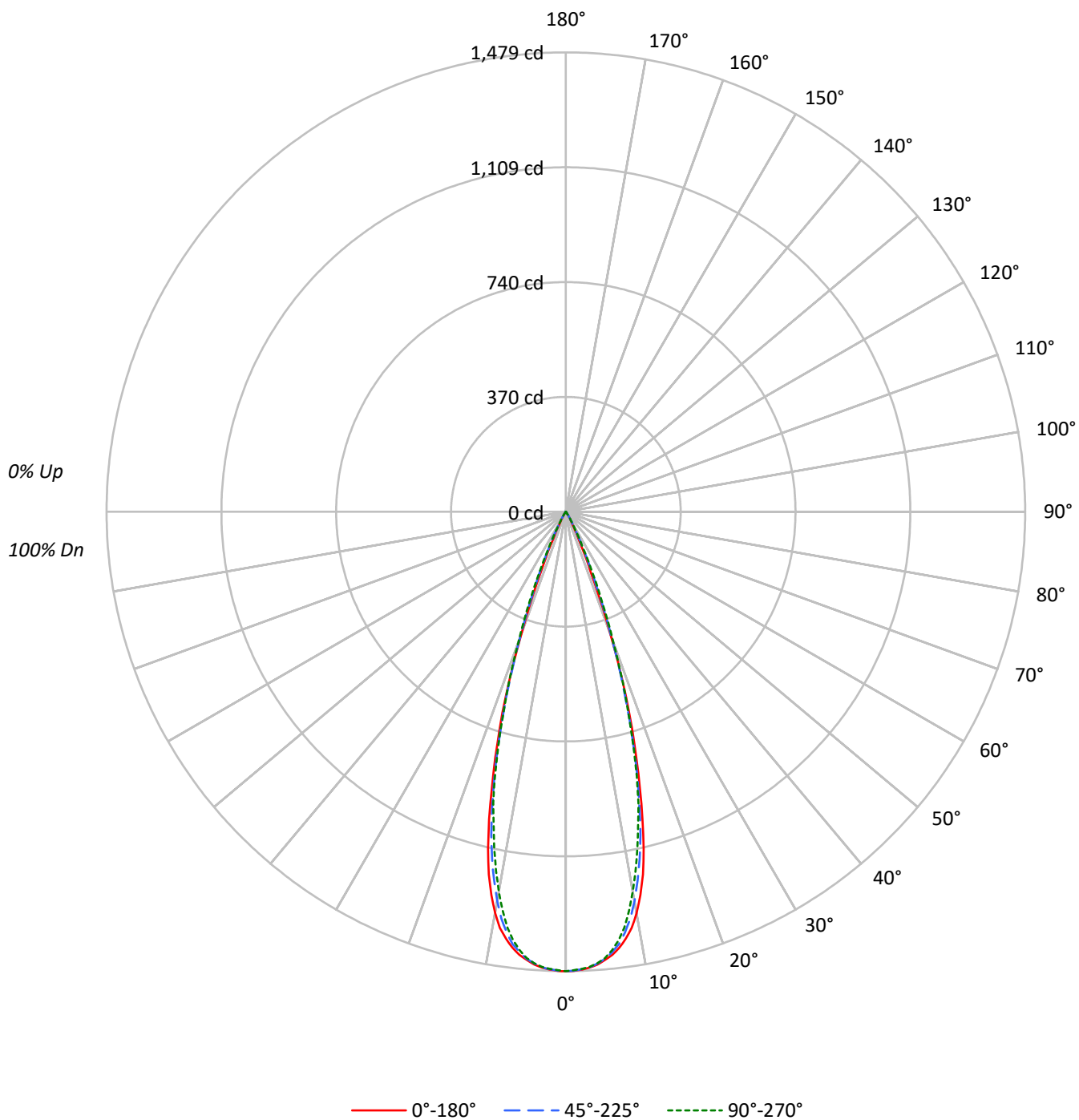
Lumens per Lamp: N/A
Luminaire Lumens: 449.0 lumens
Efficiency: N/A
Efficacy: 62.4 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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					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	93	92	91
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90	89	87
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87	86	85
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	82
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	78	77
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	76	75	74
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°	254769	254769	254769
5°	250400	249864	249328
10°	229477	222587	217165
15°	164319	159077	157152
20°	76206	78827	81576
25°	18072	25730	26832
30°	5310	6085	6841
35°	1219	1955	1787
40°	270	517	337
45°	97	97	97
50°	107	0	107
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: 113 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.8	29.6
10°-20°	237.4	52.9
20°-30°	71.4	15.9
30°-40°	6.8	1.5
40°-50°	0.5	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°	441.7	98.4
0°-40°	448.5	99.9
0°-60°	449.0	100.0
0°-90°	449.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	449.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1479	1479	1479	1479	1479	
5°	1448	1448	1445	1443	1442	134
15°	922	915	892	888	881	243
25°	95	105	135	141	141	61
35°	6	8	9	10	8	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1479.3	1479.3	1479.3	1479.3	1479.3
1°	1478.5	1478.5	1477.8	1477.8	1476.2
2°	1475.0	1475.4	1473.9	1473.5	1472.3
3°	1469.6	1468.5	1468.5	1467.7	1466.9
4°	1461.1	1458.8	1458.0	1458.4	1456.9
5°	1448.4	1448.0	1445.3	1443.3	1442.2
6°	1434.4	1431.7	1425.9	1420.9	1419.7
7°	1413.6	1407.8	1402.7	1392.3	1390.7
8°	1388.0	1378.7	1367.9	1353.2	1352.4
9°	1356.7	1341.6	1326.5	1306.8	1299.8
10°	1312.2	1298.3	1272.8	1255.4	1241.8
11°	1256.9	1239.5	1209.7	1188.9	1177.6
12°	1194.3	1178.0	1143.2	1124.3	1108.4
13°	1113.8	1100.3	1067.8	1046.9	1034.5
14°	1020.6	1010.6	979.6	970.3	966.1
15°	921.6	914.7	892.2	888.4	881.4
17.5°	678.4	666.7	654.0	656.3	658.6
20°	415.8	432.0	430.1	438.6	445.1
22.5°	207.3	228.2	252.5	267.2	274.6
25°	95.1	104.8	135.4	141.2	141.2
27.5°	48.0	50.3	63.8	65.0	68.1
30°	26.7	28.6	30.6	34.0	34.4
32.5°	13.5	15.9	16.6	18.6	17.8
35°	5.8	7.7	9.3	10.1	8.5
37.5°	2.7	3.5	5.0	4.6	3.5
40°	1.2	1.5	2.3	1.9	1.5
42.5°	0.8	0.8	1.2	0.8	0.8
45°	0.4	0.4	0.4	0.4	0.4
47.5°	0.4	0.4	0.0	0.4	0.4
50°	0.4	0.0	0.0	0.0	0.4
52.5°	0.4	0.0	0.0	0.0	0.4
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)