

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: IRiS

Report Number: P1317721

Luminaire Tested: P3SQAS05R359835DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317721
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R359835DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

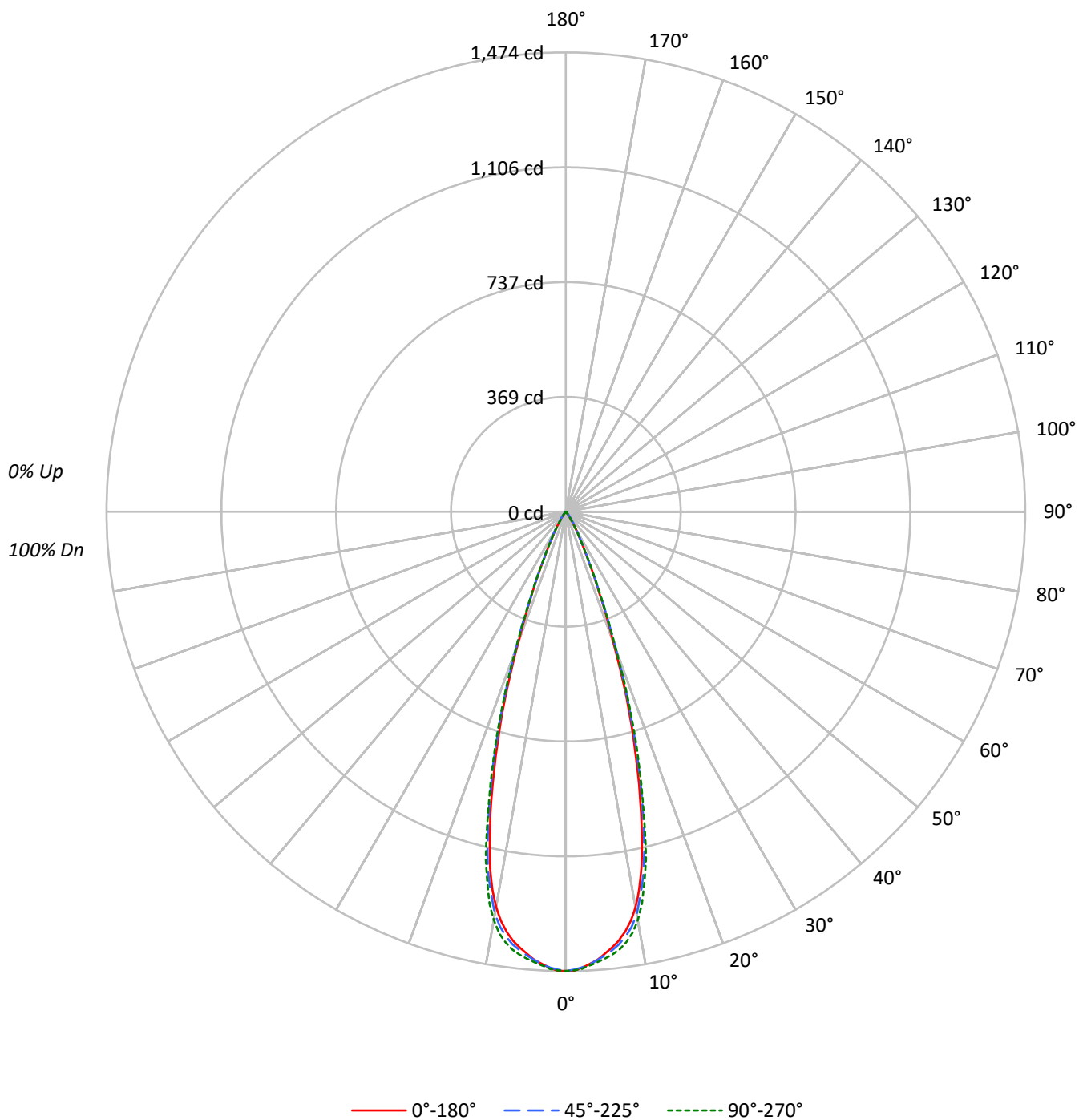
Lumens per Lamp: N/A
Luminaire Lumens: 495.1 lumens
Efficiency: N/A
Efficacy: 68.8 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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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	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99	99	98	96
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97	95	94	93
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94	92	90	89
4	103	98	94	91	102	97	93	90	95	92	89		93	90	88		91	89	87	86
5	100	94	90	86	99	93	89	86	91	88	85		90	87	85		89	86	84	83
6	97	90	86	83	96	90	86	83	88	85	82		87	84	82		86	83	81	80
7	94	87	83	80	93	87	82	79	85	82	79		84	81	79		83	80	78	77
8	91	84	80	77	90	84	79	77	83	79	76		82	78	76		81	78	76	75
9	88	81	77	74	88	81	77	74	80	76	74		79	76	74		79	76	73	72
10	86	79	75	72	85	78	74	72	78	74	71		77	74	71		76	73	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	253787	253787	253787
5°	246286	247150	248810
10°	225280	229197	232712
15°	161716	167636	169347
20°	81338	86085	86304
25°	30822	31791	31924
30°	12529	14358	12290
35°	4541	6896	4394
40°	1911	2945	1821
45°	463	1218	463
50°	322	509	322
55°	360	360	360
60°	413	413	413
65°	326	326	326
70°	201	201	201
75°	266	266	266
80°	397	397	397
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1218 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.2	26.9
10°-20°	248.2	50.1
20°-30°	89.3	18.0
30°-40°	18.8	3.8
40°-50°	3.2	0.7
50°-60°	1.1	0.2
60°-70°	0.8	0.2
70°-80°	0.4	0.1
80°-90°	0.1	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°	470.7	95.1
0°-40°	489.5	98.9
0°-60°	493.8	99.7
0°-90°	495.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	495.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1474	1474	1474	1474	1474	
5°	1425	1427	1430	1439	1439	132
15°	907	923	940	950	950	241
25°	162	165	167	169	168	86
35°	22	26	33	25	21	16
45°	2	3	5	3	2	2
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
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°	1473.6	1473.6	1473.6	1473.6	1473.6
1°	1472.8	1472.8	1469.8	1473.2	1472.1
2°	1464.7	1465.5	1463.6	1467.8	1467.4
3°	1453.5	1455.5	1453.9	1460.1	1458.2
4°	1441.6	1443.1	1442.3	1450.1	1449.3
5°	1424.6	1427.3	1429.6	1439.2	1439.2
6°	1407.2	1409.9	1414.9	1425.3	1428.8
7°	1387.1	1390.6	1398.7	1412.6	1414.9
8°	1361.6	1365.5	1376.7	1391.7	1394.8
9°	1329.9	1335.7	1348.5	1366.6	1368.6
10°	1288.2	1292.8	1310.6	1325.7	1330.7
11°	1234.1	1238.0	1253.8	1278.2	1281.3
12°	1168.5	1173.1	1193.6	1209.4	1212.5
13°	1085.4	1094.3	1119.0	1134.5	1143.0
14°	1000.1	1012.0	1029.8	1051.8	1046.4
15°	907.0	922.8	940.2	950.2	949.8
17.5°	678.7	687.9	703.4	709.2	716.9
20°	443.8	455.8	469.7	475.1	470.9
22.5°	275.4	278.5	282.7	285.1	284.3
25°	162.2	164.6	167.3	168.8	168.0
27.5°	97.7	103.1	107.0	102.4	99.7
30°	63.0	65.3	72.2	66.1	61.8
32.5°	37.5	42.9	48.7	41.3	35.9
35°	21.6	25.5	32.8	25.1	20.9
37.5°	13.9	15.8	21.2	15.5	13.5
40°	8.5	10.8	13.1	10.0	8.1
42.5°	4.2	6.6	7.7	5.8	4.2
45°	1.9	3.1	5.0	3.1	1.9
47.5°	1.2	1.5	3.1	1.5	1.2
50°	1.2	1.2	1.9	1.2	1.2
52.5°	1.2	1.2	1.2	1.2	1.2
55°	1.2	1.2	1.2	1.2	1.2
57.5°	1.2	1.2	1.2	1.2	1.2
60°	1.2	1.2	1.2	1.2	1.2
62.5°	0.8	0.8	0.8	0.8	0.8
65°	0.8	0.8	0.8	0.8	0.8
67.5°	0.8	0.8	0.8	0.8	0.8
70°	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	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)