

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: P1316843

Luminaire Tested: P3SQAS05R359830DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316843
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: IRiS
Catalog Number: P3SQAS05R359830DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

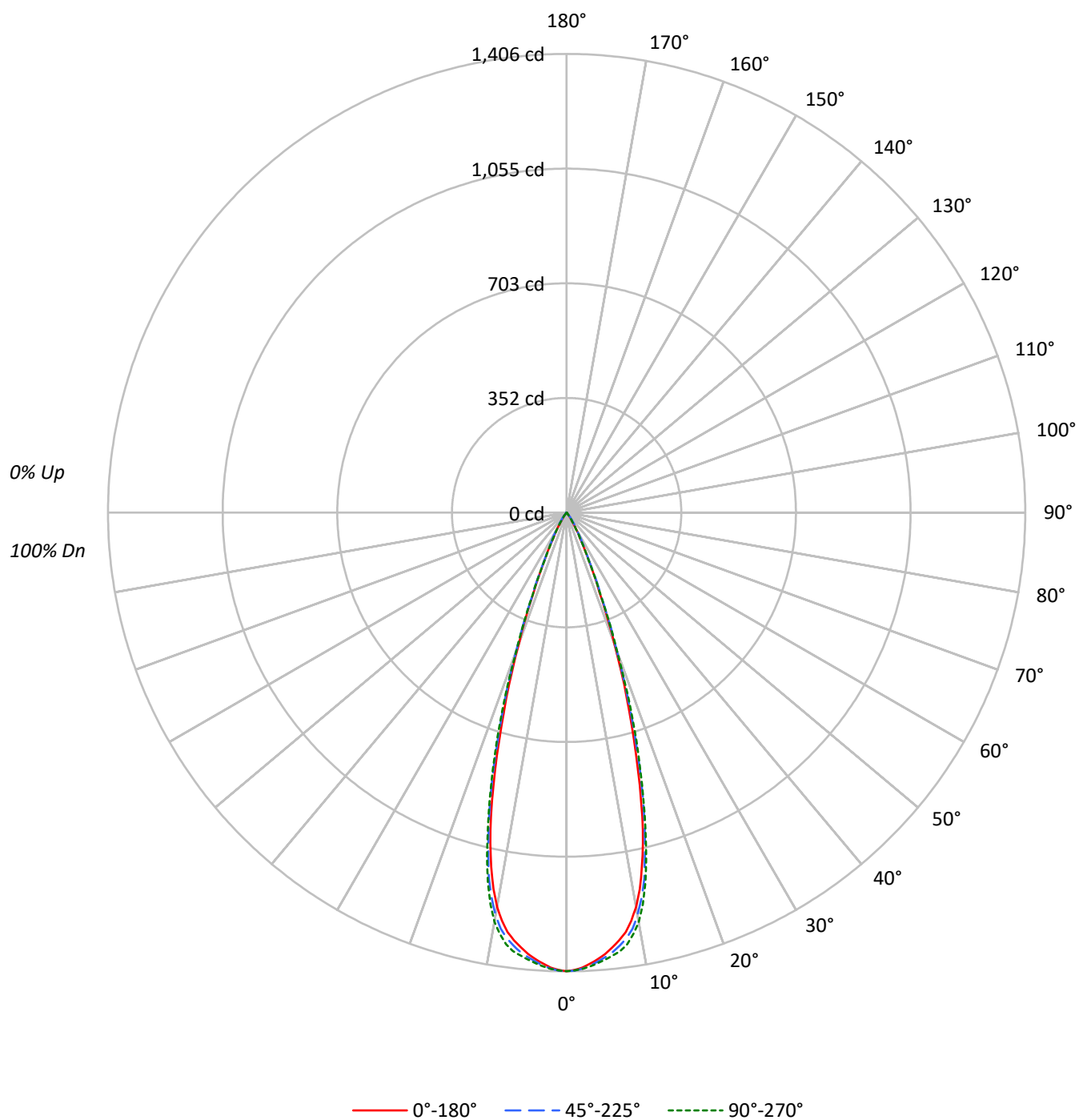
Lumens per Lamp: N/A
Luminaire Lumens: 468.0 lumens
Efficiency: N/A
Efficacy: 65.0 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	109	113	111	109	107	107	105	104		103	102	101		100
2	111	107	104	102	109	106	103	100	102	100	98		100	98	96		97
3	107	102	99	96	105	101	98	95	99	96	94		96	94	92		94
4	104	98	94	91	102	97	93	90	95	92	89		93	91	88		92
5	100	94	90	87	99	93	90	87	92	88	86		90	87	85		89
6	97	91	86	83	96	90	86	83	89	85	83		88	84	82		86
7	94	88	83	80	93	87	83	80	86	82	80		85	82	79		84
8	91	85	80	77	91	84	80	77	83	80	77		82	79	77		81
9	89	82	78	75	88	81	77	75	81	77	74		80	77	74		79
10	86	79	75	72	85	79	75	72	78	75	72		78	74	72		77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	242076	242076	242076
5°	234737	236397	237676
10°	214507	219037	222796
15°	154263	161003	162322
20°	78534	82474	82676
25°	29796	30423	29587
30°	11574	13423	11276
35°	3974	6244	3742
40°	1326	2406	1259
45°	97	804	97
50°	0	107	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: 804 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.2	27.2
10°-20°	237.1	50.7
20°-30°	85.2	18.2
30°-40°	16.6	3.6
40°-50°	1.9	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°	449.5	96.0
0°-40°	466.1	99.6
0°-60°	468.0	100.0
0°-90°	468.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	468.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1406	1406	1406	1406	1406	
5°	1358	1362	1367	1374	1375	126
15°	865	880	903	909	910	230
25°	157	158	160	159	156	82
35°	19	22	30	22	18	14
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1405.6	1405.6	1405.6	1405.6	1405.6
1°	1401.5	1403.4	1403.8	1406.3	1403.4
2°	1395.6	1396.7	1398.2	1400.4	1398.9
3°	1384.1	1386.3	1389.7	1392.6	1392.6
4°	1371.9	1374.8	1378.9	1384.1	1383.7
5°	1357.8	1361.5	1367.4	1373.7	1374.8
6°	1340.0	1344.4	1354.1	1363.0	1364.5
7°	1321.1	1327.8	1337.0	1350.0	1353.3
8°	1298.9	1304.0	1317.4	1332.6	1336.3
9°	1266.2	1274.0	1291.1	1305.2	1307.4
10°	1226.6	1232.1	1252.5	1267.3	1274.0
11°	1175.4	1183.6	1203.6	1218.8	1223.2
12°	1110.2	1122.0	1145.4	1156.5	1160.2
13°	1039.7	1049.8	1067.9	1081.6	1084.6
14°	960.4	970.1	989.0	1000.1	997.5
15°	865.2	879.6	903.0	909.3	910.4
17.5°	639.0	648.3	669.1	679.1	686.1
20°	428.5	437.4	450.0	456.7	451.1
22.5°	260.6	268.0	274.7	274.3	272.4
25°	156.8	158.3	160.1	159.0	155.7
27.5°	91.6	95.6	101.2	97.5	91.9
30°	58.2	61.5	67.5	61.2	56.7
32.5°	30.8	38.9	45.2	36.7	32.2
35°	18.9	21.5	29.7	21.9	17.8
37.5°	11.5	13.3	18.5	13.0	10.4
40°	5.9	8.5	10.7	7.8	5.6
42.5°	1.9	4.1	5.9	3.7	1.9
45°	0.4	1.1	3.3	1.1	0.4
47.5°	0.0	0.0	1.5	0.4	0.0
50°	0.0	0.0	0.4	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



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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)