

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: P1308616

Luminaire Tested: P3SQAS02R259035DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308616
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R259035DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

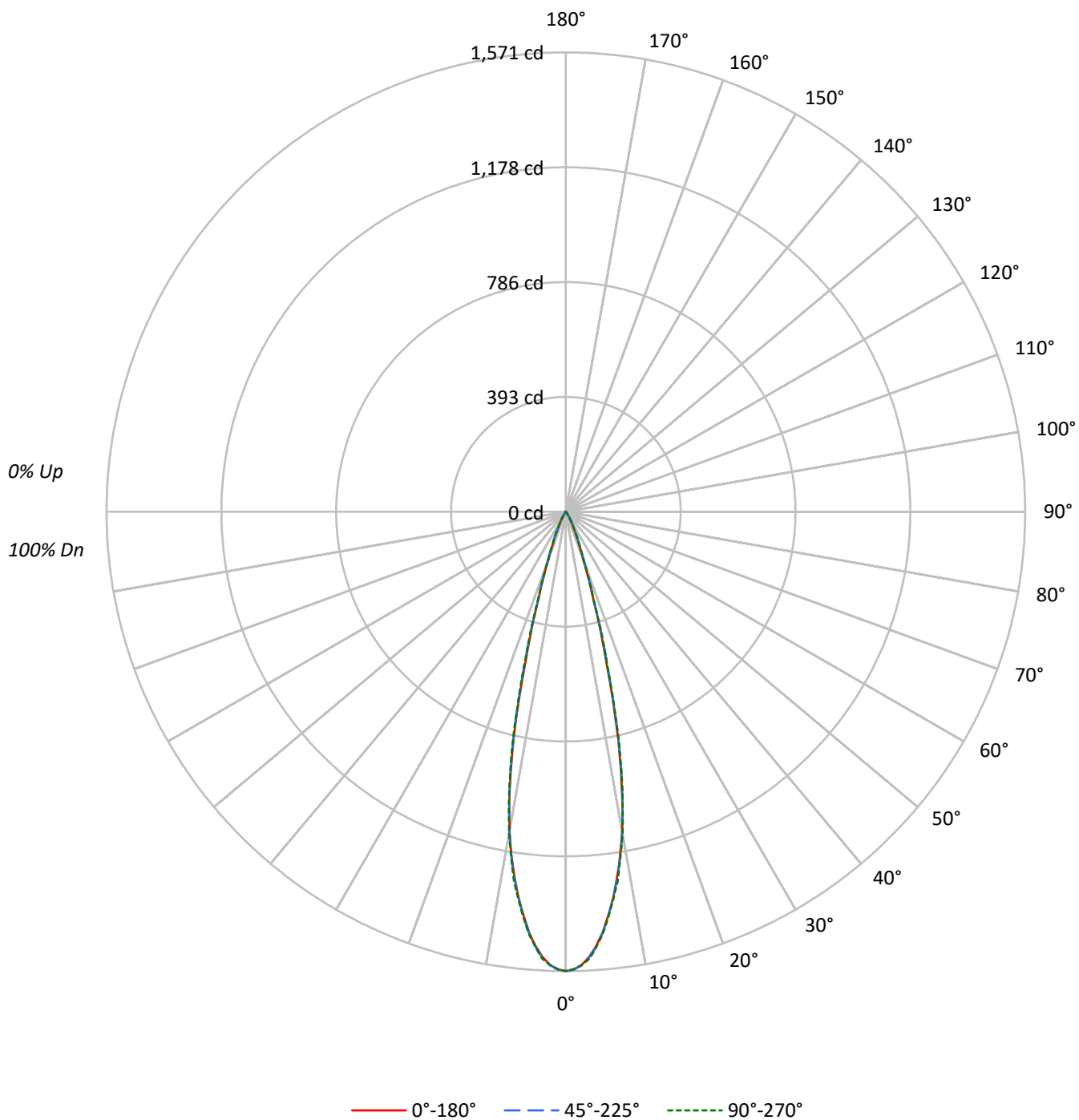
Lumens per Lamp: N/A
Luminaire Lumens: 327.0 lumens
Efficiency: N/A
Efficacy: 90.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	110	113	111	110	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	88		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	270562	270562	270562
5°	249467	250037	250556
10°	193696	194396	195445
15°	95728	99740	99793
20°	32238	34401	32880
25°	13340	14822	13739
30°	5230	6582	5290
35°	1367	2691	1430
40°	517	1079	517
45°	73	317	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: 317 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.3	38.9
10°-20°	154.0	47.1
20°-30°	37.6	11.5
30°-40°	7.3	2.2
40°-50°	0.9	0.3
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°	318.9	97.5
0°-40°	326.2	99.7
0°-60°	327.0	100.0
0°-90°	327.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	327.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1571	1571	1571	1571	1571	
5°	1443	1445	1446	1452	1449	127
15°	537	550	559	565	560	151
25°	70	74	78	75	72	36
35°	6	9	13	9	7	6
45°	0	1	1	1	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°	1571.0	1571.0	1571.0	1571.0	1571.0
1°	1564.9	1565.9	1566.2	1567.7	1564.7
2°	1550.6	1550.9	1551.6	1554.7	1551.9
3°	1524.3	1526.1	1526.3	1530.3	1531.1
4°	1488.4	1489.4	1491.4	1498.2	1492.2
5°	1443.0	1445.0	1446.3	1452.5	1449.3
6°	1386.8	1387.3	1390.1	1397.4	1392.8
7°	1329.6	1329.4	1329.6	1335.4	1334.1
8°	1260.6	1259.4	1263.4	1270.4	1275.2
9°	1188.6	1190.4	1192.9	1199.7	1194.2
10°	1107.6	1112.4	1111.6	1112.1	1117.6
11°	1014.3	1015.8	1016.0	1021.3	1020.5
12°	904.6	904.6	912.9	921.5	918.7
13°	794.0	801.8	796.3	798.0	809.1
14°	665.1	671.1	678.6	685.6	680.1
15°	536.9	549.7	559.4	565.0	559.7
17.5°	307.6	311.8	320.1	321.1	317.9
20°	175.9	181.1	187.7	185.6	179.4
22.5°	110.6	112.1	118.7	115.4	113.9
25°	70.2	74.0	78.0	74.8	72.3
27.5°	43.7	46.2	50.4	46.9	44.2
30°	26.3	28.6	33.1	28.3	26.6
32.5°	13.8	17.1	20.8	17.3	13.8
35°	6.5	9.3	12.8	9.3	6.8
37.5°	4.0	5.0	7.8	5.0	4.0
40°	2.3	3.3	4.8	3.3	2.3
42.5°	1.0	1.8	2.3	1.8	1.3
45°	0.3	0.8	1.3	0.8	0.3
47.5°	0.0	0.0	0.8	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



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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)