

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: P1310869

Luminaire Tested: P3SQAS02R359050DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310869
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: P3SQAS02R359050DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

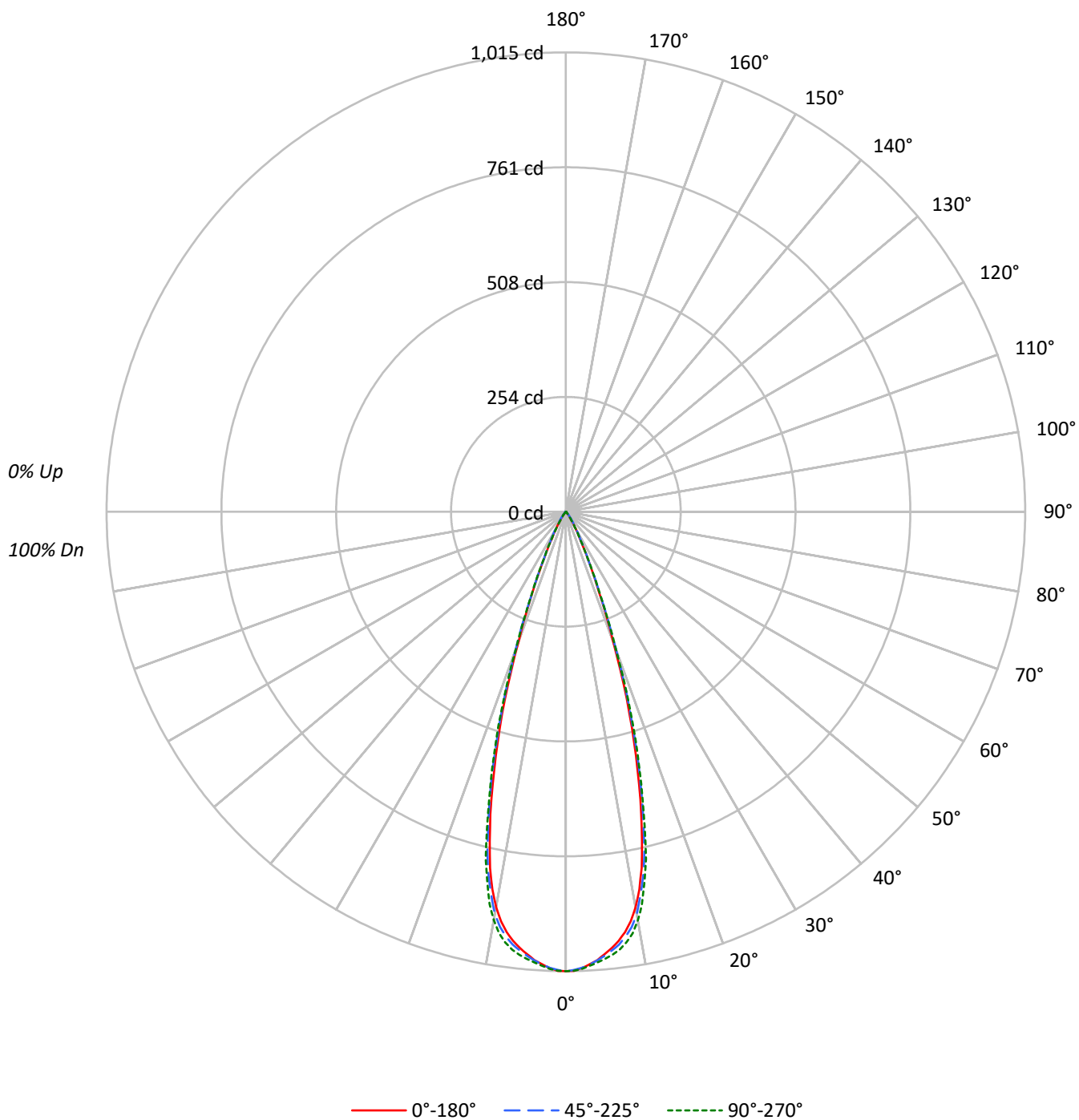
Lumens per Lamp: N/A
Luminaire Lumens: 341.0 lumens
Efficiency: N/A
Efficacy: 94.7 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	174840	174840	174840
5°	169665	170253	171411
10°	155188	157899	160312
15°	111401	115484	116660
20°	56027	59308	59455
25°	21245	21891	22005
30°	8631	9904	8472
35°	3133	4752	3028
40°	1326	2023	1259
45°	317	852	317
50°	214	348	214
55°	240	240	240
60°	276	276	276
65°	204	204	204
70°	151	151	151
75°	200	200	200
80°	298	298	298
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 852 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.8	26.9
10°-20°	171.0	50.1
20°-30°	61.5	18.0
30°-40°	12.9	3.8
40°-50°	2.2	0.7
50°-60°	0.7	0.2
60°-70°	0.5	0.1
70°-80°	0.3	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°	324.3	95.1
0°-40°	337.2	98.9
0°-60°	340.1	99.7
0°-90°	341.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	341.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1015	1015	1015	1015	1015	
5°	981	983	985	992	992	91
15°	625	636	648	655	654	166
25°	112	113	115	116	116	59
35°	15	18	23	17	14	11
45°	1	2	4	2	1	2
55°	1	1	1	1	1	1
65°	0	0	0	0	0	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°	1015.2	1015.2	1015.2	1015.2	1015.2
1°	1014.6	1014.6	1012.5	1014.9	1014.1
2°	1009.0	1009.6	1008.2	1011.2	1010.9
3°	1001.3	1002.7	1001.6	1005.8	1004.5
4°	993.1	994.1	993.6	998.9	998.4
5°	981.4	983.2	984.8	991.5	991.5
6°	969.4	971.3	974.7	981.9	984.3
7°	955.6	958.0	963.5	973.1	974.7
8°	938.0	940.7	948.4	958.7	960.9
9°	916.2	920.2	928.9	941.5	942.8
10°	887.4	890.6	902.9	913.2	916.7
11°	850.2	852.8	863.8	880.5	882.6
12°	804.9	808.1	822.2	833.2	835.3
13°	747.7	753.9	770.9	781.5	787.4
14°	688.9	697.2	709.4	724.6	720.9
15°	624.8	635.7	647.7	654.6	654.3
17.5°	467.5	473.9	484.6	488.6	493.9
20°	305.7	314.0	323.6	327.3	324.4
22.5°	189.7	191.9	194.8	196.4	195.8
25°	111.8	113.4	115.2	116.3	115.8
27.5°	67.3	71.0	73.7	70.5	68.7
30°	43.4	45.0	49.8	45.5	42.6
32.5°	25.8	29.5	33.5	28.5	24.7
35°	14.9	17.6	22.6	17.3	14.4
37.5°	9.6	10.9	14.6	10.6	9.3
40°	5.9	7.5	9.0	6.9	5.6
42.5°	2.9	4.5	5.3	4.0	2.9
45°	1.3	2.1	3.5	2.1	1.3
47.5°	0.8	1.1	2.1	1.1	0.8
50°	0.8	0.8	1.3	0.8	0.8
52.5°	0.8	0.8	0.8	0.8	0.8
55°	0.8	0.8	0.8	0.8	0.8
57.5°	0.8	0.8	0.8	0.8	0.8
60°	0.8	0.8	0.8	0.8	0.8
62.5°	0.5	0.5	0.5	0.5	0.5
65°	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5
70°	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	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)