

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: P1307515

Luminaire Tested: P3SQAS02R309030DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307515
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R309030DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

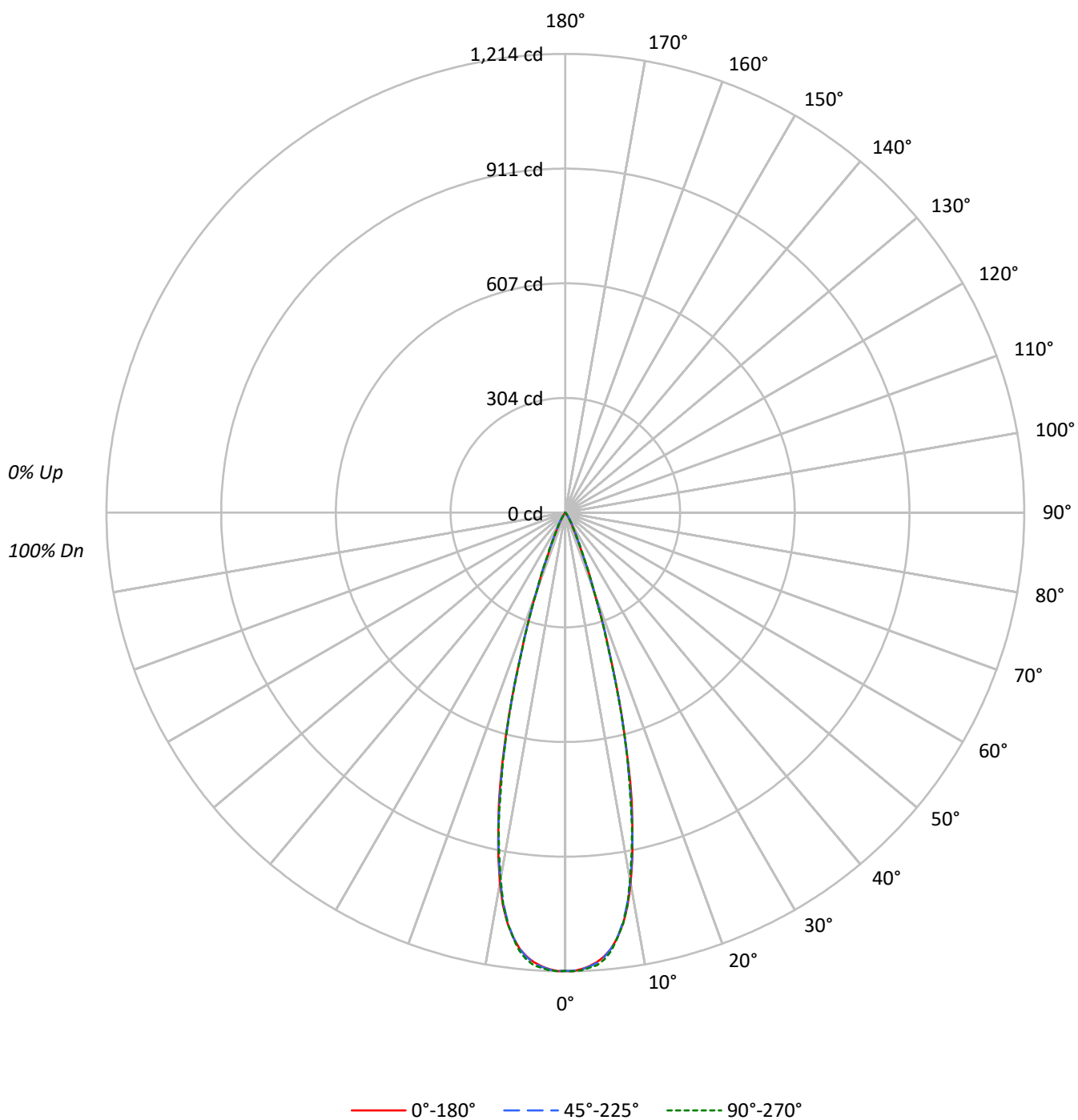
Lumens per Lamp: N/A
Luminaire Lumens: 313.0 lumens
Efficiency: N/A
Efficacy: 86.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	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	99
1	115	113	111	110	113	111	109	108	107	106	105	103	102	101	100	99	99	97	96	95
2	112	108	105	103	109	106	104	102	103	101	99	100	99	97	98	96	95	94	93	92
3	108	104	100	97	106	102	99	97	100	97	95	98	95	94	95	94	92	91	90	89
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88	87	86
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	86	85	84
6	99	93	89	86	98	92	89	86	91	88	85	90	87	85	89	86	84	83	82	81
7	96	90	86	83	95	90	86	83	89	85	83	87	85	82	87	84	82	81	80	79
8	94	88	84	81	93	87	83	81	86	83	80	85	82	80	84	82	80	79	78	77
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	77	76	75
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	80	78	76	75	74	73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	208906	208906	208906
5°	203809	204068	205209
10°	174075	173271	172239
15°	107425	106159	106551
20°	40596	40815	40779
25°	12485	13701	13036
30°	5031	6384	5230
35°	1493	2712	1535
40°	607	1102	607
45°	122	365	122
50°	0	54	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: 365 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.0	34.2
10°-20°	158.4	50.6
20°-30°	39.3	12.6
30°-40°	7.4	2.4
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°	304.7	97.3
0°-40°	312.1	99.7
0°-60°	313.0	100.0
0°-90°	313.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	313.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1213	1213	1213	1213	1213	
5°	1179	1178	1180	1182	1187	107
15°	602	597	595	600	598	159
25°	66	70	72	72	69	38
35°	7	9	13	10	7	6
45°	0	1	2	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°	1213.0	1213.0	1213.0	1213.0	1213.0
1°	1213.5	1212.5	1212.5	1211.1	1213.8
2°	1209.1	1208.2	1209.9	1208.6	1212.0
3°	1202.6	1201.3	1203.8	1204.5	1206.2
4°	1192.8	1191.8	1194.5	1196.0	1200.6
5°	1178.9	1178.5	1180.4	1182.3	1187.0
6°	1160.0	1159.2	1160.4	1162.9	1165.8
7°	1132.4	1131.0	1132.0	1132.4	1133.2
8°	1097.6	1095.4	1094.2	1096.9	1098.4
9°	1052.8	1050.4	1047.7	1046.8	1050.2
10°	995.4	991.7	990.8	988.3	984.9
11°	928.7	925.8	925.0	920.7	918.7
12°	852.3	850.8	852.5	849.8	848.8
13°	779.0	769.7	768.5	763.4	760.7
14°	692.3	683.8	683.6	680.9	684.5
15°	602.5	596.7	595.4	600.1	597.6
17.5°	384.1	388.0	387.1	384.6	380.5
20°	221.5	218.8	222.7	223.7	222.5
22.5°	118.1	119.0	119.8	122.7	124.6
25°	65.7	70.1	72.1	71.8	68.6
27.5°	40.9	43.6	47.2	44.8	42.1
30°	25.3	27.5	32.1	27.8	26.3
32.5°	13.6	17.3	20.7	17.3	14.1
35°	7.1	9.3	12.9	9.5	7.3
37.5°	4.6	5.4	8.3	5.4	4.6
40°	2.7	3.4	4.9	3.4	2.7
42.5°	1.2	1.9	2.7	1.9	1.2
45°	0.5	0.7	1.5	1.0	0.5
47.5°	0.0	0.2	0.7	0.2	0.0
50°	0.0	0.0	0.2	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)