

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: P1313875

Luminaire Tested: P3SQAS02R259735DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313875
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R259735DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

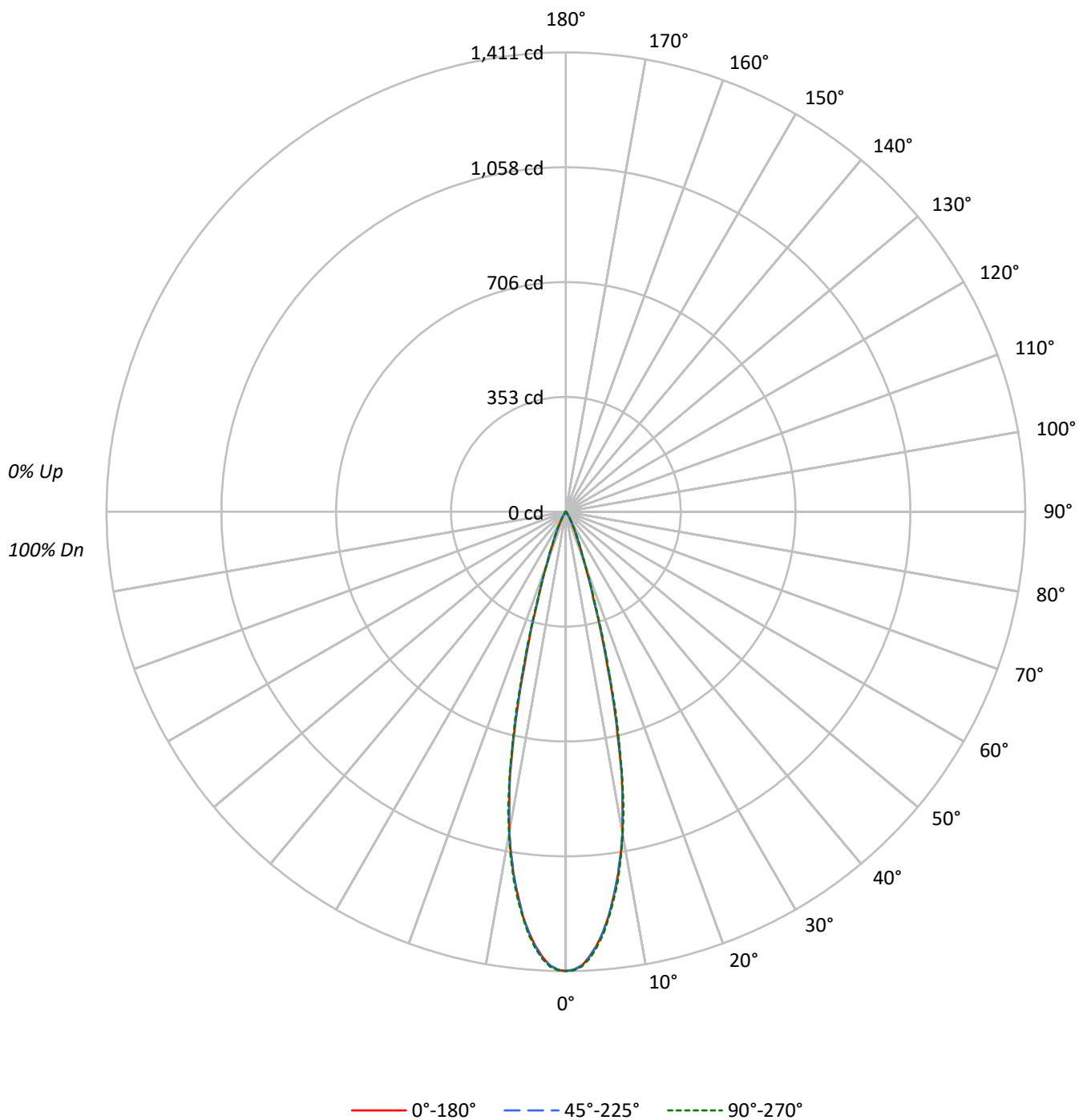
Lumens per Lamp: N/A
Luminaire Lumens: 298.0 lumens
Efficiency: N/A
Efficacy: 82.8 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1313875

CATALOG NUMBER: P3SQAS02R259735DE010 E3SQCD1MW

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	242937	242937	242937
5°	224399	224312	225574
10°	175282	174810	175999
15°	88186	91859	91788
20°	30167	31010	30497
25°	12124	13644	12637
30°	4932	5867	4793
35°	1430	2586	1430
40°	674	1124	674
45°	219	438	219
50°	134	188	134
55°	150	150	150
60°	172	172	172
65°	82	82	82
70°	101	101	101
75°	133	133	133
80°	0	198	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 438 cd/sqm

TEST NUMBER: P1313875

CATALOG NUMBER: P3SQAS02R259735DE010 E3SQCD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.4	38.4
10°-20°	140.1	47.0
20°-30°	34.2	11.5
30°-40°	7.1	2.4
40°-50°	1.2	0.4
50°-60°	0.5	0.2
60°-70°	0.3	0.1
70°-80°	0.2	0.1
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°	288.7	96.9
0°-40°	295.8	99.3
0°-60°	297.5	99.8
0°-90°	298.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	298.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1411	1411	1411	1411	1411	
5°	1298	1299	1298	1300	1305	114
15°	495	503	515	518	515	138
25°	64	67	72	68	66	33
35°	7	10	12	9	7	6
45°	1	1	2	1	1	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	

TEST NUMBER: P1313875

CATALOG NUMBER: P3SQAS02R259735DE010 E3SQCD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1410.6	1410.6	1410.6	1410.6	1410.6
1°	1407.9	1406.1	1405.6	1405.8	1408.1
2°	1395.2	1394.0	1393.8	1394.5	1397.7
3°	1369.3	1370.6	1371.1	1373.4	1375.0
4°	1337.5	1340.2	1339.1	1341.8	1343.6
5°	1298.0	1299.1	1297.5	1300.3	1304.8
6°	1251.9	1247.8	1251.7	1252.8	1256.0
7°	1194.4	1195.3	1196.7	1198.1	1202.8
8°	1137.9	1135.2	1134.5	1140.8	1144.7
9°	1071.8	1072.3	1069.8	1077.0	1078.2
10°	1002.3	996.7	999.6	1005.3	1006.4
11°	910.6	909.0	913.3	922.2	929.2
12°	824.5	825.4	830.0	832.9	831.3
13°	710.8	717.6	723.2	726.2	722.3
14°	607.9	607.9	615.2	616.3	630.1
15°	494.6	503.0	515.2	517.5	514.8
17.5°	285.7	286.8	292.7	292.5	296.8
20°	164.6	166.2	169.2	168.5	166.4
22.5°	99.0	102.4	109.5	103.8	102.2
25°	63.8	66.8	71.8	67.7	66.5
27.5°	40.0	42.0	45.9	42.2	40.4
30°	24.8	25.9	29.5	26.1	24.1
32.5°	13.4	16.3	19.3	16.3	13.4
35°	6.8	9.5	12.3	9.3	6.8
37.5°	4.5	5.4	7.9	5.2	4.5
40°	3.0	3.6	5.0	3.6	3.0
42.5°	1.6	2.3	2.7	2.5	1.6
45°	0.9	1.4	1.8	1.4	0.9
47.5°	0.7	0.7	1.1	0.7	0.5
50°	0.5	0.5	0.7	0.5	0.5
52.5°	0.5	0.5	0.5	0.5	0.5
55°	0.5	0.5	0.5	0.5	0.5
57.5°	0.5	0.5	0.5	0.5	0.5
60°	0.5	0.5	0.5	0.5	0.5
62.5°	0.5	0.5	0.5	0.5	0.5
65°	0.2	0.5	0.2	0.2	0.2
67.5°	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2
80°	0.0	0.0	0.2	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



TEST NUMBER: P1313875
CATALOG NUMBER: P3SQAS02R259735DE010 E3SQCD1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)