

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: P1317103

Luminaire Tested: P3SQAS13R259830DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317103
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: P3SQAS13R259830DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

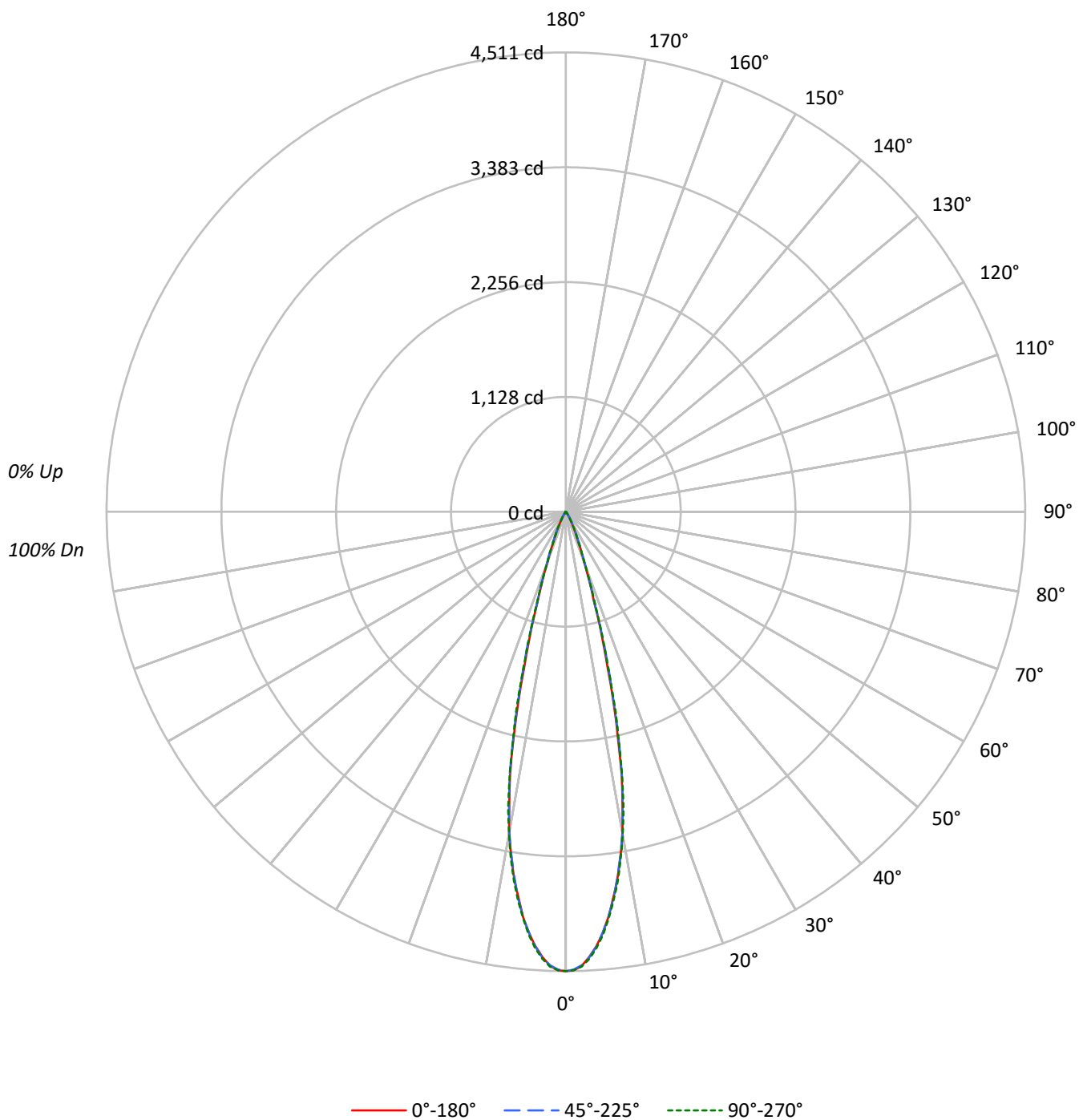
Lumens per Lamp: N/A
Luminaire Lumens: 953.0 lumens
Efficiency: N/A
Efficacy: 65.7 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1317103

CATALOG NUMBER: P3SQAS13R259830DE010 E3SQCD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1317103

CATALOG NUMBER: P3SQAS13R259830DE010 E3SQCD1MW

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	84	80	77	83	80	77		82	79	77		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	776914	776914	776914
5°	717610	717368	721378
10°	560559	559037	562850
15°	282014	293782	293532
20°	96495	99152	97558
25°	38784	43611	40438
30°	15750	18773	15313
35°	4583	8242	4583
40°	2113	3597	2113
45°	706	1413	706
50°	402	589	402
55°	450	450	450
60°	517	517	517
65°	285	285	285
70°	352	352	352
75°	466	466	466
80°	0	694	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1413 cd/sqm

TEST NUMBER: P1317103

CATALOG NUMBER: P3SQAS13R259830DE010 E3SQCD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	366.0	38.4
10°-20°	447.9	47.0
20°-30°	109.4	11.5
30°-40°	22.6	2.4
40°-50°	4.0	0.4
50°-60°	1.4	0.1
60°-70°	1.0	0.1
70°-80°	0.7	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°	923.4	96.9
0°-40°	946.0	99.3
0°-60°	951.3	99.8
0°-90°	953.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	953.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4511	4511	4511	4511	4511	
5°	4151	4155	4150	4158	4173	366
15°	1582	1608	1648	1655	1646	442
25°	204	214	230	216	213	104
35°	22	30	39	30	22	19
45°	3	4	6	4	3	3
55°	2	2	2	2	2	1
65°	1	2	1	1	1	1
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

TEST NUMBER: P1317103

CATALOG NUMBER: P3SQAS13R259830DE010 E3SQCD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4511.1	4511.1	4511.1	4511.1	4511.1
1°	4502.4	4496.6	4495.2	4495.9	4503.1
2°	4461.7	4458.1	4457.4	4459.6	4469.7
3°	4379.0	4383.3	4384.8	4392.0	4397.1
4°	4277.3	4286.0	4282.4	4291.1	4296.9
5°	4150.9	4154.6	4149.5	4158.2	4172.7
6°	4003.5	3990.4	4002.8	4006.4	4016.6
7°	3819.8	3822.7	3827.1	3831.4	3846.7
8°	3639.0	3630.3	3628.1	3648.4	3660.8
9°	3427.6	3429.1	3421.1	3444.3	3448.0
10°	3205.4	3187.3	3196.7	3214.9	3218.5
11°	2912.0	2907.0	2920.8	2949.1	2971.6
12°	2636.8	2639.7	2654.2	2663.7	2658.6
13°	2273.0	2294.8	2312.9	2322.4	2310.0
14°	1944.0	1944.0	1967.3	1970.9	2015.2
15°	1581.7	1608.5	1647.7	1655.0	1646.3
17.5°	913.6	917.2	936.1	935.3	949.1
20°	526.5	531.6	541.0	538.8	532.3
22.5°	316.6	327.5	350.0	331.9	326.8
25°	204.1	213.5	229.5	216.4	212.8
27.5°	127.8	134.3	146.7	135.1	129.3
30°	79.2	82.8	94.4	83.5	77.0
32.5°	42.8	52.3	61.7	52.3	42.8
35°	21.8	30.5	39.2	29.8	21.8
37.5°	14.5	17.4	25.4	16.7	14.5
40°	9.4	11.6	16.0	11.6	9.4
42.5°	5.1	7.3	8.7	8.0	5.1
45°	2.9	4.4	5.8	4.4	2.9
47.5°	2.2	2.2	3.6	2.2	1.5
50°	1.5	1.5	2.2	1.5	1.5
52.5°	1.5	1.5	1.5	1.5	1.5
55°	1.5	1.5	1.5	1.5	1.5
57.5°	1.5	1.5	1.5	1.5	1.5
60°	1.5	1.5	1.5	1.5	1.5
62.5°	1.5	1.5	1.5	1.5	1.5
65°	0.7	1.5	0.7	0.7	0.7
67.5°	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7
80°	0.0	0.0	0.7	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: P1317103
CATALOG NUMBER: P3SQAS13R259830DE010 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)