

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: P1310393

Luminaire Tested: P3SQAS17R259040DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310393
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R259040DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

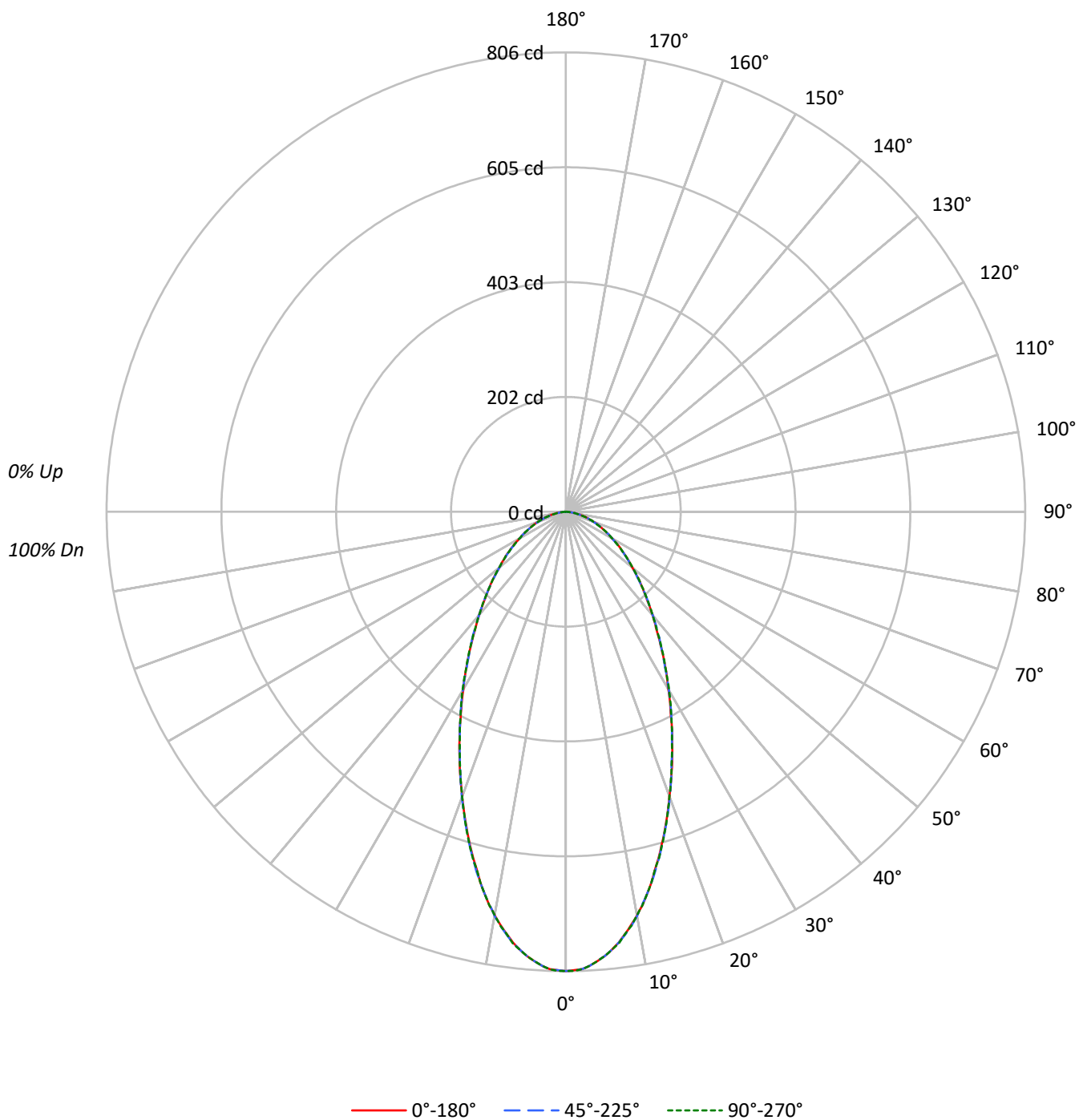
Lumens per Lamp: N/A
Luminaire Lumens: 1009.0 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	111	107	104	100	108	105	102	99	101	98	96		97	95	93		93
2	103	96	90	86	100	94	89	85	91	86	83		88	84	81		85
3	95	87	80	74	93	85	79	74	82	77	72		80	75	71		77
4	89	79	71	65	87	77	70	65	75	69	64		73	68	63		71
5	83	72	64	58	81	71	64	58	69	62	58		67	61	57		65
6	77	66	58	53	76	65	58	52	63	57	52		62	56	52		60
7	73	61	53	48	71	60	53	48	59	52	47		57	51	47		56
8	68	56	49	44	67	56	49	44	55	48	44		53	48	43		52
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49
10	61	49	42	37	60	49	42	37	48	42	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	138794	138794	138794
5°	135262	135262	135262
10°	125686	125931	125686
15°	112096	112346	112346
20°	97448	97704	97448
25°	83935	83688	83688
30°	71592	71870	72148
35°	61434	61434	61728
40°	53238	53238	53238
45°	46544	46544	46544
50°	40806	40806	41181
55°	36602	36602	36602
60°	32447	32447	32447
65°	29341	29341	29341
70°	26486	25782	26486
75°	23955	23023	23023
80°	19241	19241	19241
85°	13635	13635	13635

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 46544 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.7	7.2
10°-20°	175.4	17.4
20°-30°	202.7	20.1
30°-40°	183.8	18.2
40°-50°	148.1	14.7
50°-60°	109.1	10.8
60°-70°	71.8	7.1
70°-80°	37.0	3.7
80°-90°	8.4	0.8
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°	450.8	44.7
0°-40°	634.6	62.9
0°-60°	891.8	88.4
0°-90°	1009.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1009.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	806	806	806	806	806	
5°	782	785	782	782	782	73
15°	629	630	630	629	630	175
25°	442	440	440	442	440	203
35°	292	292	292	292	294	183
45°	191	191	191	191	191	148
55°	122	122	122	120	122	109
65°	72	72	72	72	72	72
75°	36	35	35	35	35	38
85°	7	7	7	7	7	9
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	805.9	805.9	805.9	805.9	805.9
1°	804.5	807.3	804.5	804.5	805.9
2°	803.2	804.5	803.2	803.2	803.2
3°	797.6	800.4	797.6	797.6	797.6
4°	790.7	793.5	790.7	790.7	790.7
5°	782.4	785.2	782.4	782.4	782.4
6°	772.7	774.1	772.7	772.7	772.7
7°	761.6	763.0	761.6	761.6	763.0
8°	747.8	749.2	749.2	747.8	747.8
9°	733.9	735.3	735.3	733.9	735.3
10°	718.7	720.1	720.1	718.7	718.7
11°	703.5	704.8	702.1	702.1	703.5
12°	685.5	686.8	685.5	685.5	685.5
13°	667.5	667.5	667.5	667.5	667.5
14°	646.7	649.4	649.4	648.1	646.7
15°	628.7	630.1	630.1	628.7	630.1
17.5°	580.2	583.0	581.6	581.6	581.6
20°	531.7	533.1	533.1	531.7	531.7
22.5°	486.0	484.7	484.7	484.7	484.7
25°	441.7	440.4	440.4	441.7	440.4
27.5°	398.8	400.2	400.2	398.8	400.2
30°	360.0	360.0	361.4	360.0	362.8
32.5°	325.4	325.4	324.0	325.4	325.4
35°	292.2	292.2	292.2	292.2	293.6
37.5°	261.7	263.1	264.5	264.5	263.1
40°	236.8	236.8	236.8	236.8	236.8
42.5°	211.9	211.9	213.3	213.3	213.3
45°	191.1	191.1	191.1	191.1	191.1
47.5°	171.7	171.7	170.3	170.3	171.7
50°	152.3	153.7	152.3	152.3	153.7
52.5°	137.1	135.7	135.7	137.1	137.1
55°	121.9	121.9	121.9	120.5	121.9
57.5°	108.0	108.0	106.6	106.6	106.6
60°	94.2	94.2	94.2	94.2	94.2
62.5°	83.1	83.1	83.1	83.1	83.1
65°	72.0	72.0	72.0	72.0	72.0
67.5°	62.3	62.3	62.3	62.3	60.9
70°	52.6	52.6	51.2	51.2	52.6
72.5°	42.9	42.9	42.9	42.9	42.9
75°	36.0	34.6	34.6	34.6	34.6
77.5°	27.7	27.7	26.3	27.7	26.3
80°	19.4	19.4	19.4	19.4	19.4
82.5°	13.8	12.5	12.5	12.5	12.5
85°	6.9	6.9	6.9	6.9	6.9
87.5°	1.4	1.4	1.4	1.4	2.8



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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)