

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: P1313404

Luminaire Tested: P3SQAS13R259730DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313404
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R259730DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

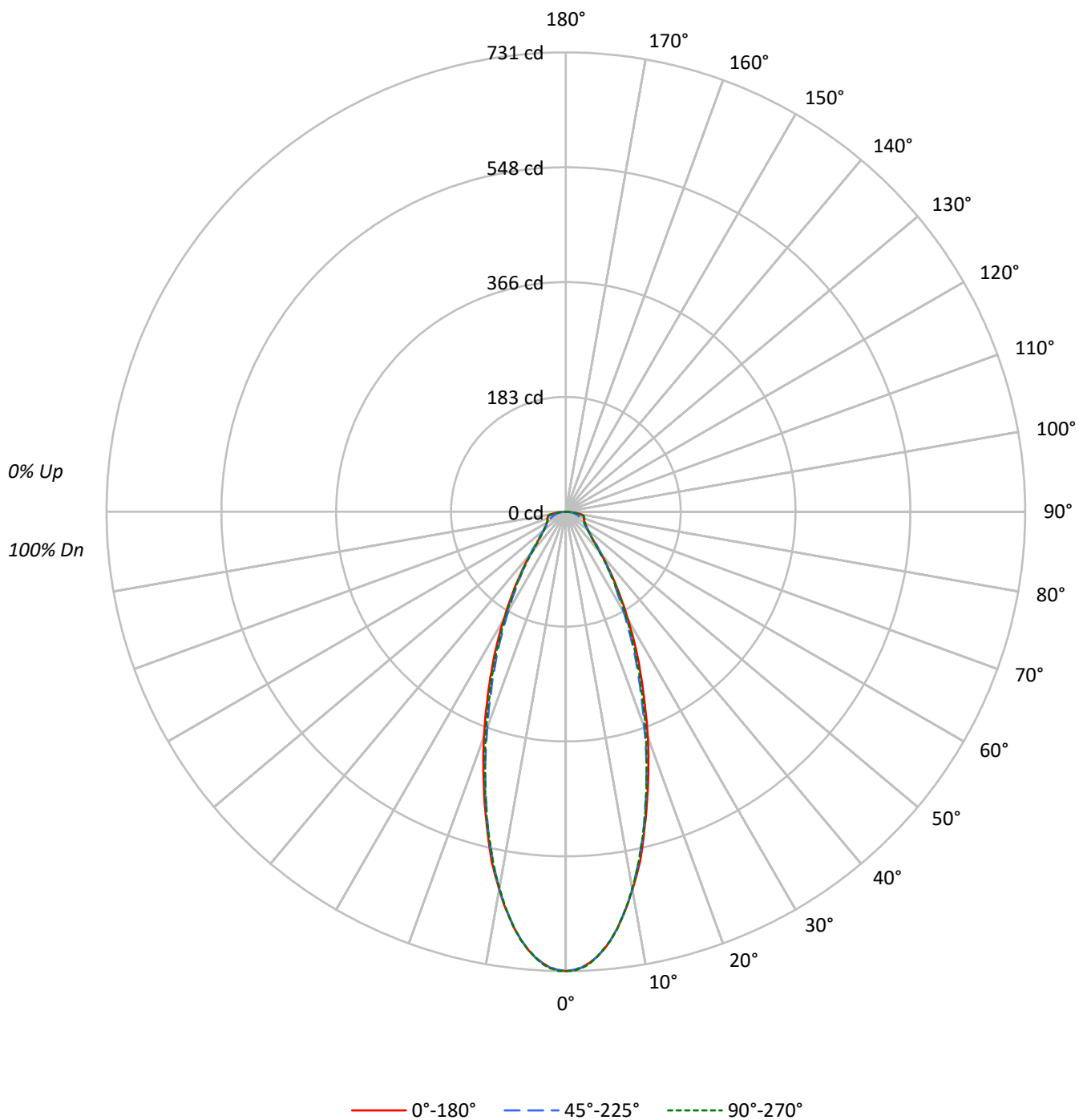
Lumens per Lamp: N/A
Luminaire Lumens: 552.0 lumens
Efficiency: N/A
Efficacy: 37.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1313404

CATALOG NUMBER: P3SQAS13R259730DE010 E3SQPHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1313404

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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	101	109	105	102	99	101	99	96		97	95	93		94
2	104	98	92	88	102	96	91	87	93	89	85		89	86	83		87
3	98	90	83	78	95	88	82	78	85	80	76		83	79	75		80
4	92	83	76	71	90	81	75	70	79	74	69		77	72	69		75
5	87	77	70	65	85	76	69	64	74	68	64		72	67	63		70
6	82	72	65	60	80	71	64	59	69	63	59		68	62	59		66
7	78	67	60	55	76	66	60	55	65	59	55		64	58	55		62
8	74	63	56	52	72	62	56	52	61	55	51		60	55	51		59
9	70	60	53	49	69	59	53	48	58	52	48		57	52	48		56
10	67	56	50	46	66	56	50	46	55	49	46		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	125878	125878	125878
5°	120774	120619	120619
10°	106764	106624	106309
15°	88168	86938	87402
20°	69846	66969	68087
25°	53207	50376	51706
30°	39196	36432	37983
35°	28047	26764	27143
40°	19222	19604	18638
45°	14224	15076	14029
50°	12378	12378	12164
55°	11770	11260	11770
60°	12021	11126	12021
65°	13163	11370	13163
70°	15811	11430	15358
75°	19763	12177	19763
80°	25092	12992	23307
85°	20748	12054	20748

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 25092 cd/sqm

TEST NUMBER: P1313404

CATALOG NUMBER: P3SQAS13R259730DE010 E3SQPHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.8	11.6
10°-20°	135.5	24.6
20°-30°	124.2	22.5
30°-40°	81.9	14.8
40°-50°	47.7	8.6
50°-60°	34.8	6.3
60°-70°	29.6	5.4
70°-80°	24.5	4.4
80°-90°	10.1	1.8
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°	323.5	58.6
0°-40°	405.4	73.4
0°-60°	487.9	88.4
0°-90°	552.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	552.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	731	731	731	731	731	
5°	699	698	698	699	698	64
15°	494	493	488	489	490	137
25°	280	272	265	266	272	129
35°	133	131	127	127	129	84
45°	58	60	62	58	58	47
55°	39	39	38	38	39	36
65°	32	30	28	30	32	32
75°	30	23	18	23	30	31
85°	10	11	6	11	10	12
90°	0	0	0	0	0	

TEST NUMBER: P1313404

CATALOG NUMBER: P3SQAS13R259730DE010 E3SQPHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	730.9	730.9	730.9	730.9	730.9
1°	729.1	729.1	729.1	729.1	730.9
2°	725.7	724.8	725.7	725.7	726.5
3°	718.7	718.7	718.7	718.7	720.4
4°	710.0	710.0	710.0	710.0	710.0
5°	698.6	697.7	697.7	698.6	697.7
6°	684.7	684.7	684.7	684.7	685.5
7°	669.0	668.1	668.1	667.2	669.0
8°	650.6	650.6	649.8	648.9	650.6
9°	631.5	632.3	630.6	629.7	629.7
10°	610.5	609.7	609.7	609.7	607.9
11°	589.6	587.0	586.1	586.1	587.9
12°	568.7	564.3	562.6	562.6	562.6
13°	543.4	541.6	539.0	537.3	538.1
14°	518.1	518.1	513.7	513.7	515.5
15°	494.5	492.8	487.6	489.3	490.2
17.5°	436.1	432.6	426.5	426.5	427.4
20°	381.1	375.0	365.4	369.8	371.5
22.5°	327.1	321.0	311.4	315.7	317.5
25°	280.0	272.1	265.1	266.0	272.1
27.5°	237.2	228.5	221.5	224.2	227.6
30°	197.1	191.9	183.2	187.5	191.0
32.5°	163.1	158.7	152.6	155.2	158.7
35°	133.4	130.8	127.3	127.3	129.1
37.5°	108.2	107.3	105.5	104.7	103.8
40°	85.5	87.2	87.2	85.5	82.9
42.5°	69.8	71.5	73.3	69.8	67.2
45°	58.4	60.2	61.9	58.4	57.6
47.5°	51.5	52.3	53.2	51.5	50.6
50°	46.2	46.2	46.2	45.4	45.4
52.5°	42.7	41.9	41.0	41.9	41.9
55°	39.2	39.2	37.5	38.4	39.2
57.5°	36.6	35.8	34.9	35.8	36.6
60°	34.9	33.1	32.3	33.1	34.9
62.5°	33.1	31.4	29.7	31.4	33.1
65°	32.3	29.7	27.9	29.7	32.3
67.5°	31.4	27.9	25.3	27.9	31.4
70°	31.4	26.2	22.7	26.2	30.5
72.5°	30.5	24.4	20.9	24.4	30.5
75°	29.7	22.7	18.3	22.7	29.7
77.5°	28.8	20.9	15.7	20.9	27.9
80°	25.3	19.2	13.1	19.2	23.5
82.5°	18.3	15.7	10.5	15.7	17.4
85°	10.5	11.3	6.1	11.3	10.5
87.5°	1.7	2.6	1.7	4.4	3.5



TEST NUMBER: P1313404

CATALOG NUMBER: P3SQAS13R259730DE010 E3SQPHLP1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)