

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: P1313078

Luminaire Tested: P3SQAS05R259730DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313078
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: P3SQAS05R259730DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

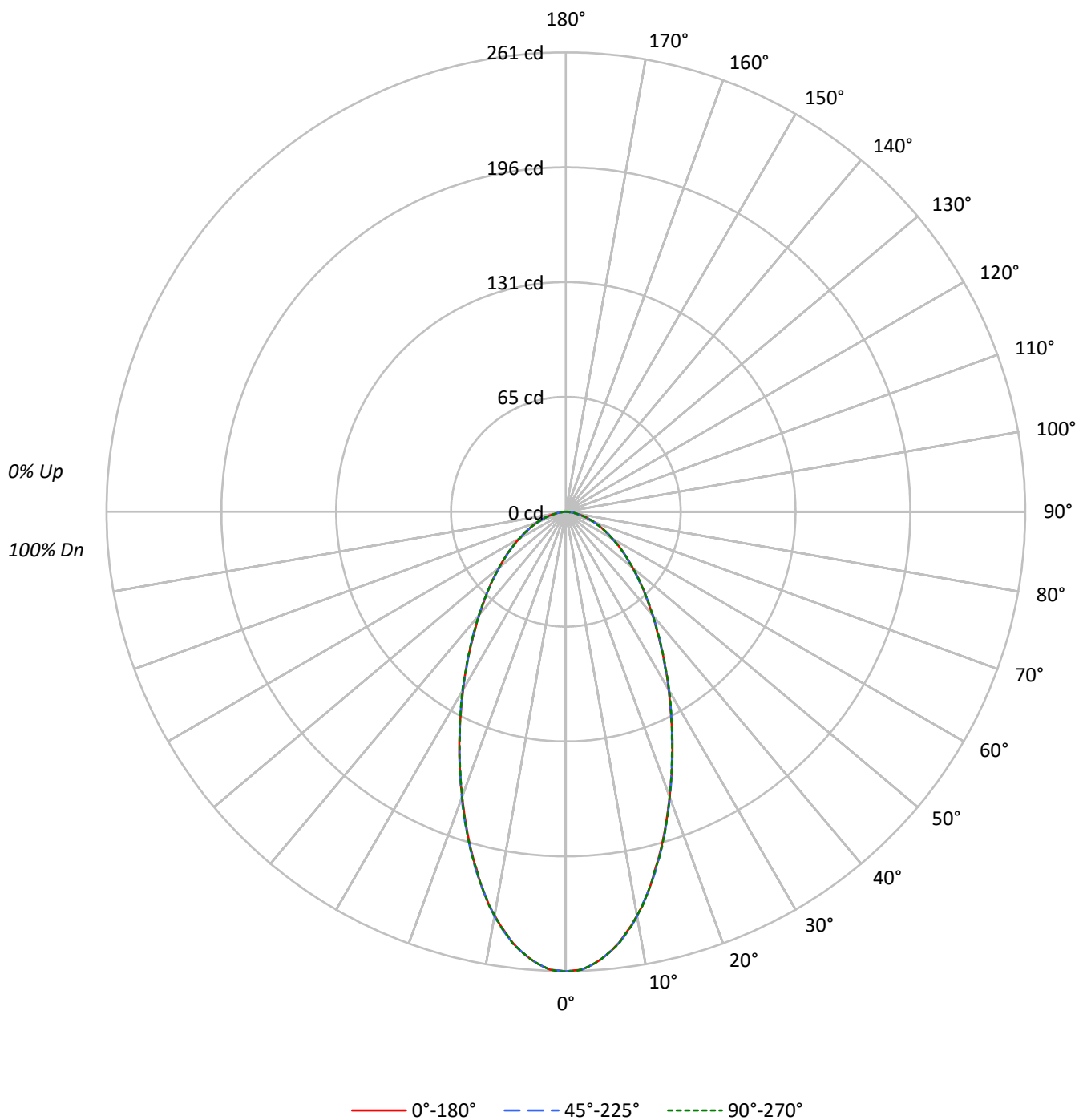
Lumens per Lamp: N/A
Luminaire Lumens: 326.9 lumens
Efficiency: N/A
Efficacy: 45.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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

TEST NUMBER: P1313078

CATALOG NUMBER: P3SQAS05R259730DE010 E3SQPHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1313078

CATALOG NUMBER: P3SQAS05R259730DE010 E3SQPHLD1MW

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°	44985	44985	44985
5°	43842	43842	43842
10°	40729	40817	40729
15°	36319	36408	36408
20°	31578	31670	31578
25°	27212	27117	27117
30°	23208	23287	23387
35°	19910	19910	19994
40°	17244	17244	17244
45°	15076	15076	15076
50°	13236	13236	13343
55°	11860	11860	11860
60°	10506	10506	10506
65°	9495	9495	9495
70°	8611	8359	8611
75°	7785	7453	7453
80°	6248	6248	6248
85°	4347	4347	4347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15076 cd/sqm

TEST NUMBER: P1313078

CATALOG NUMBER: P3SQAS05R259730DE010 E3SQPHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	7.2
10°-20°	56.8	17.4
20°-30°	65.7	20.1
30°-40°	59.6	18.2
40°-50°	48.0	14.7
50°-60°	35.4	10.8
60°-70°	23.2	7.1
70°-80°	12.0	3.7
80°-90°	2.7	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°	146.1	44.7
0°-40°	205.7	62.9
0°-60°	289.0	88.4
0°-90°	326.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	326.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	261	261	261	261	261	
5°	254	254	254	254	254	24
15°	204	204	204	204	204	57
25°	143	143	143	143	143	66
35°	95	95	95	95	95	59
45°	62	62	62	62	62	48
55°	40	40	40	39	40	35
65°	23	23	23	23	23	23
75°	12	11	11	11	11	12
85°	2	2	2	2	2	3
90°	0	0	0	0	0	

TEST NUMBER: P1313078

CATALOG NUMBER: P3SQAS05R259730DE010 E3SQPHLD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	261.2	261.2	261.2	261.2	261.2
1°	260.7	261.6	260.7	260.7	261.2
2°	260.3	260.7	260.3	260.3	260.3
3°	258.5	259.4	258.5	258.5	258.5
4°	256.3	257.1	256.3	256.3	256.3
5°	253.6	254.5	253.6	253.6	253.6
6°	250.4	250.9	250.4	250.4	250.4
7°	246.8	247.3	246.8	246.8	247.3
8°	242.3	242.8	242.8	242.3	242.3
9°	237.9	238.3	238.3	237.9	238.3
10°	232.9	233.4	233.4	232.9	232.9
11°	228.0	228.4	227.5	227.5	228.0
12°	222.1	222.6	222.1	222.1	222.1
13°	216.3	216.3	216.3	216.3	216.3
14°	209.6	210.5	210.5	210.0	209.6
15°	203.7	204.2	204.2	203.7	204.2
17.5°	188.0	188.9	188.5	188.5	188.5
20°	172.3	172.8	172.8	172.3	172.3
22.5°	157.5	157.1	157.1	157.1	157.1
25°	143.2	142.7	142.7	143.2	142.7
27.5°	129.2	129.7	129.7	129.2	129.7
30°	116.7	116.7	117.1	116.7	117.6
32.5°	105.5	105.5	105.0	105.5	105.5
35°	94.7	94.7	94.7	94.7	95.1
37.5°	84.8	85.3	85.7	85.7	85.3
40°	76.7	76.7	76.7	76.7	76.7
42.5°	68.7	68.7	69.1	69.1	69.1
45°	61.9	61.9	61.9	61.9	61.9
47.5°	55.6	55.6	55.2	55.2	55.6
50°	49.4	49.8	49.4	49.4	49.8
52.5°	44.4	44.0	44.0	44.4	44.4
55°	39.5	39.5	39.5	39.0	39.5
57.5°	35.0	35.0	34.6	34.6	34.6
60°	30.5	30.5	30.5	30.5	30.5
62.5°	26.9	26.9	26.9	26.9	26.9
65°	23.3	23.3	23.3	23.3	23.3
67.5°	20.2	20.2	20.2	20.2	19.7
70°	17.1	17.1	16.6	16.6	17.1
72.5°	13.9	13.9	13.9	13.9	13.9
75°	11.7	11.2	11.2	11.2	11.2
77.5°	9.0	9.0	8.5	9.0	8.5
80°	6.3	6.3	6.3	6.3	6.3
82.5°	4.5	4.0	4.0	4.0	4.0
85°	2.2	2.2	2.2	2.2	2.2
87.5°	0.4	0.4	0.4	0.4	0.9



TEST NUMBER: P1313078

CATALOG NUMBER: P3SQAS05R259730DE010 E3SQPHLD1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)