

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: P1259991

Luminaire Tested: P3AS13R309050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259991
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

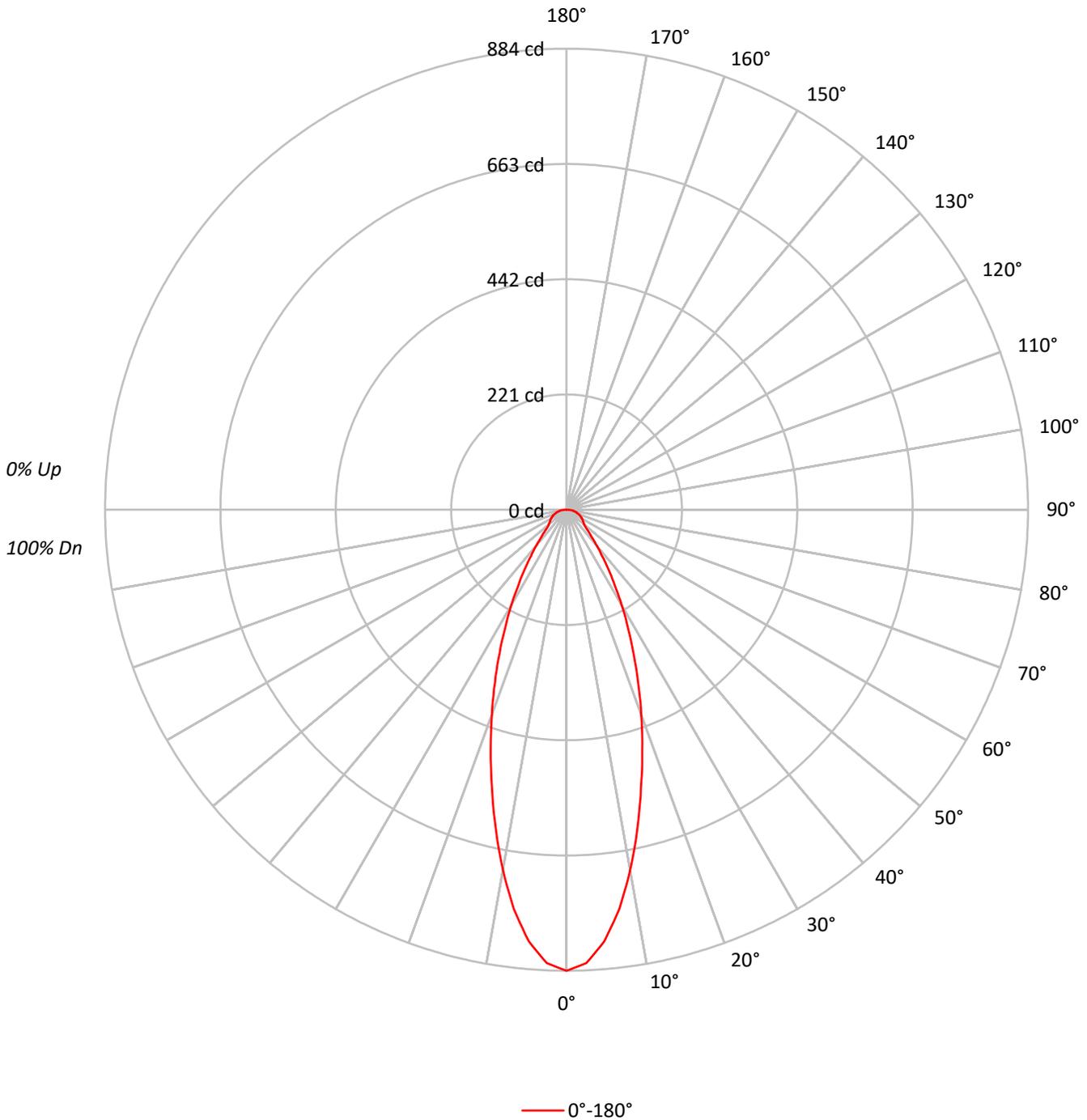
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 597.0 lumens
Efficiency: N/A
Efficacy: 40.9 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (A_{in}): 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			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	90	90	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81	81	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74	74	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68	68	68
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	65	63	63	63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59	59	59
7	79	69	62	57	78	68	62	57	67	61	57	66	60	57	64	60	56	55	55	55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51	51	51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49	49	49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	193844
5°	182764
10°	156221
15°	125199
20°	97588
25°	73383
30°	53527
35°	37718
40°	25877
45°	18514
50°	15147
55°	14642
60°	14780
65°	15099
70°	15708
75°	16860
80°	17426
85°	19373

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 20664 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.1	12.6
10°-20°	153.2	25.7
20°-30°	139.6	23.4
30°-40°	88.9	14.9
40°-50°	47.5	8.0
50°-60°	34.8	5.8
60°-70°	29.2	4.9
70°-80°	20.4	3.4
80°-90°	8.2	1.4
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°	368.0	61.6
0°-40°	456.9	76.5
0°-60°	539.2	90.3
0°-90°	597.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	597.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	884	
5°	830	75
15°	552	153
25°	303	140
35°	141	89
45°	60	48
55°	38	35
65°	29	29
75°	20	20
85°	8	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	884.0
2.5°	870.2
5°	830.3
7.5°	772.1
10°	701.6
12.5°	626.6
15°	551.5
17.5°	482.6
20°	418.2
22.5°	358.5
25°	303.3
27.5°	254.3
30°	211.4
32.5°	171.6
35°	140.9
37.5°	111.8
40°	90.4
42.5°	72.0
45°	59.7
47.5°	49.0
50°	44.4
52.5°	41.4
55°	38.3
57.5°	36.8
60°	33.7
62.5°	32.2
65°	29.1
67.5°	27.6
70°	24.5
72.5°	21.4
75°	19.9
77.5°	16.9
80°	13.8
82.5°	12.3
85°	7.7
87.5°	3.1
90°	0.0

(END OF REPORT)