

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: P1260277

Luminaire Tested: P3AS17R159050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260277
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

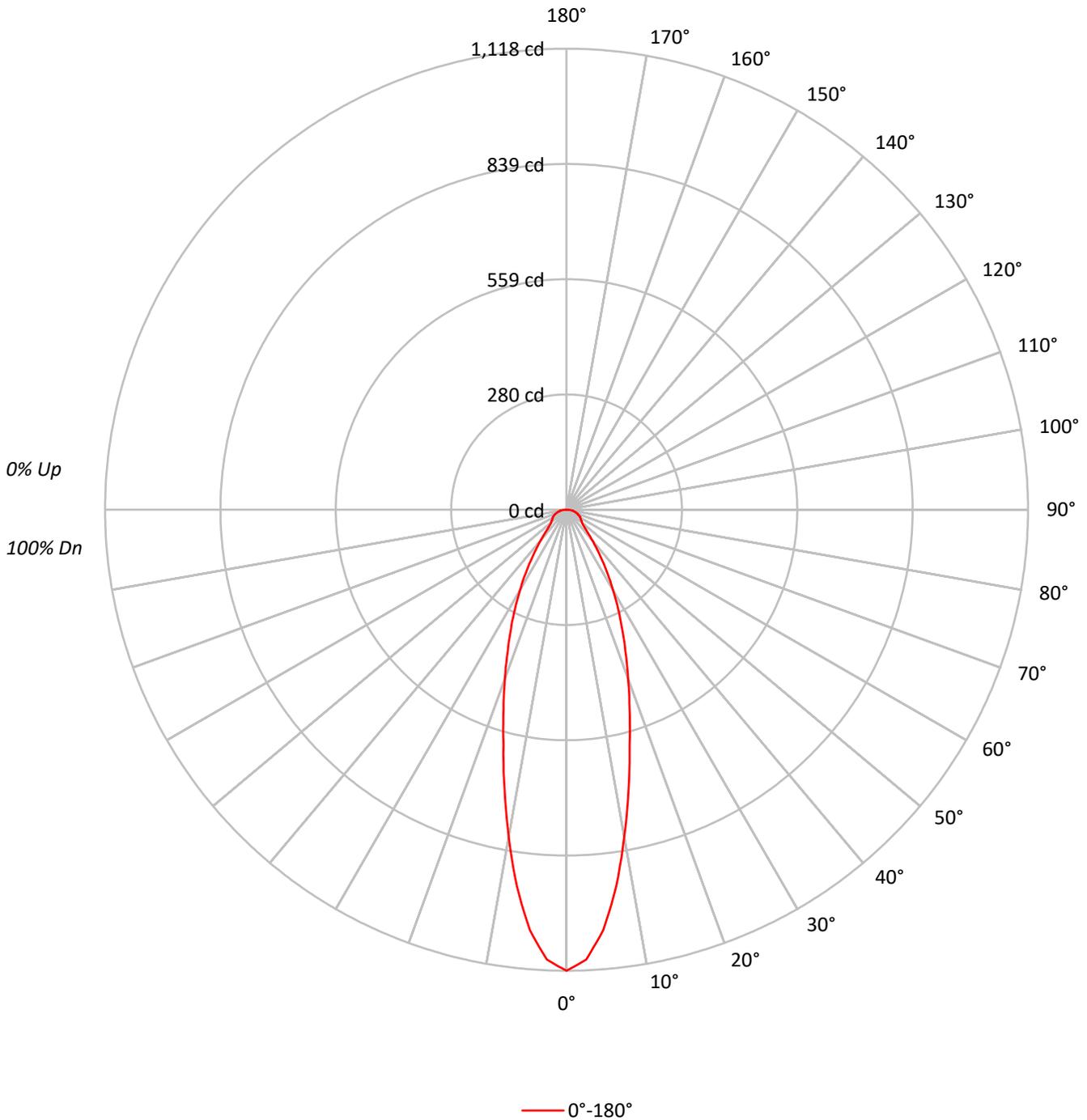
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 655.0 lumens
Efficiency: N/A
Efficacy: 30.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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				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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	95	93	92	90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	88	85	83	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	82	79	76	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	77	73	70	68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	72	68	65	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	68	64	60	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	65	60	57	55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	61	57	53	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	58	54	50	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	56	51	48	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	245156
5°	225093
10°	179355
15°	134030
20°	101789
25°	77085
30°	57021
35°	40743
40°	27881
45°	19506
50°	16614
55°	16286
60°	16928
65°	17901
70°	18208
75°	18893
80°	20457
85°	20379

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 23856 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.6	13.8
10°-20°	165.6	25.3
20°-30°	146.7	22.4
30°-40°	96.1	14.7
40°-50°	51.4	7.8
50°-60°	38.8	5.9
60°-70°	33.4	5.1
70°-80°	23.0	3.5
80°-90°	9.4	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°	402.9	61.5
0°-40°	499.0	76.2
0°-60°	589.2	90.0
0°-90°	655.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	655.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1118	
5°	1023	91
15°	590	166
25°	319	147
35°	152	96
45°	63	51
55°	43	39
65°	34	33
75°	22	23
85°	8	9
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1118.0
2.5°	1091.6
5°	1022.6
7.5°	921.2
10°	805.5
12.5°	693.9
15°	590.4
17.5°	507.3
20°	436.2
22.5°	373.3
25°	318.6
27.5°	269.9
30°	225.2
32.5°	186.7
35°	152.2
37.5°	121.7
40°	97.4
42.5°	77.1
45°	62.9
47.5°	54.8
50°	48.7
52.5°	46.7
55°	42.6
57.5°	40.6
60°	38.6
62.5°	36.5
65°	34.5
67.5°	30.4
70°	28.4
72.5°	24.3
75°	22.3
77.5°	18.3
80°	16.2
82.5°	14.2
85°	8.1
87.5°	4.1
90°	0.0

(END OF REPORT)