

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: P1256140

Luminaire Tested: P3AS02R209040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256140
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

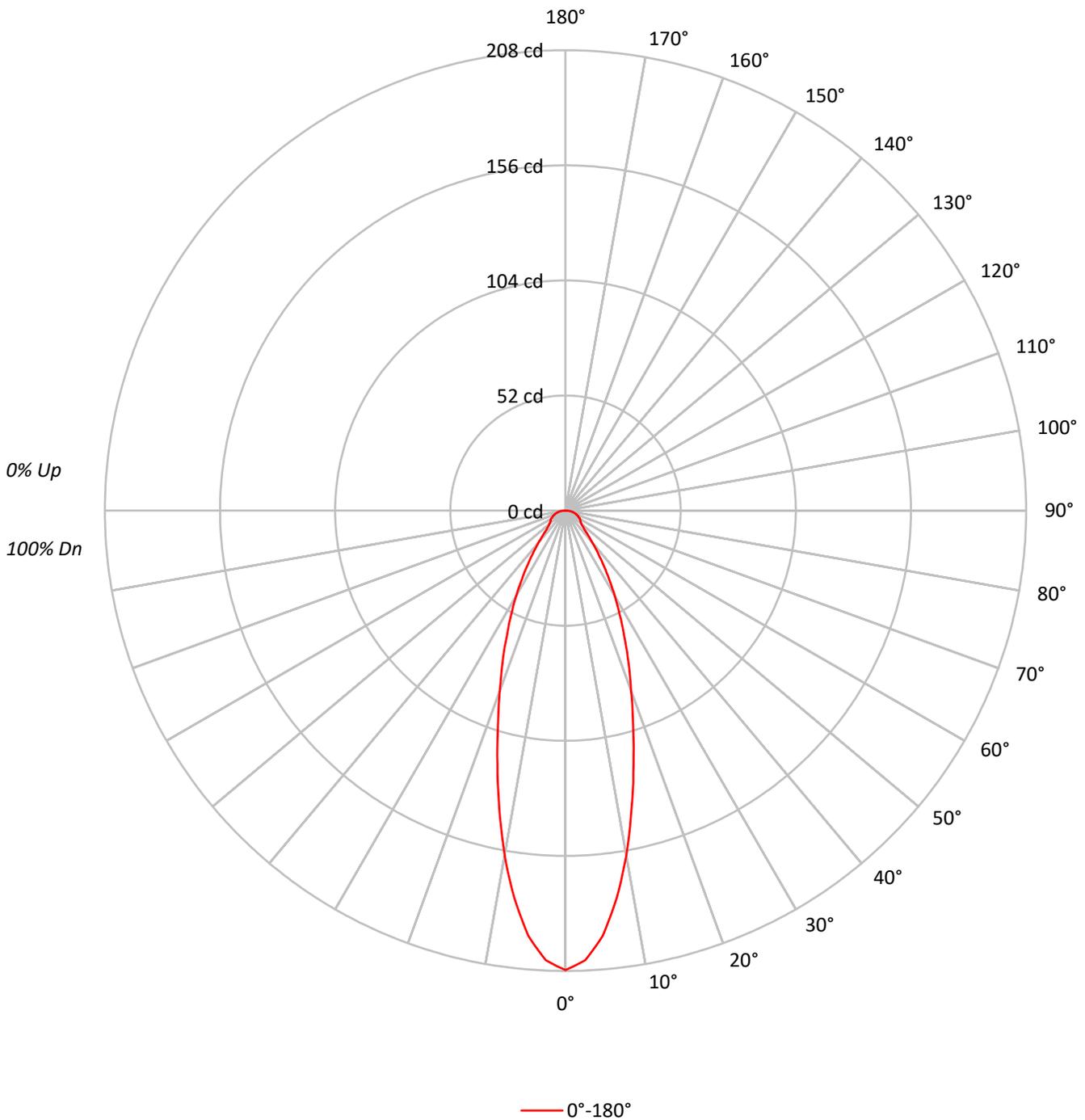
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 128.0 lumens
Efficiency: N/A
Efficacy: 35.5 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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				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	100				100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68				68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63				63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	63	58	78	68	62	58	67	62	57	66	61	57	65	60	57	55				55
8	76	65	59	54	74	65	58	54	64	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	57	52	48	56	51	48	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45523
5°	42461
10°	35225
15°	26947
20°	20208
25°	15219
30°	11268
35°	7870
40°	5382
45°	3752
50°	3207
55°	3173
60°	3289
65°	3321
70°	3398
75°	3474
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 4368 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	13.5
10°-20°	33.0	25.8
20°-30°	29.0	22.7
30°-40°	18.7	14.6
40°-50°	9.9	7.8
50°-60°	7.5	5.8
60°-70°	6.3	5.0
70°-80°	4.5	3.5
80°-90°	1.7	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°	79.3	62.0
0°-40°	98.0	76.6
0°-60°	115.4	90.2
0°-90°	128.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	128.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	208	
5°	193	17
15°	119	33
25°	63	29
35°	29	19
45°	12	10
55°	8	7
65°	6	6
75°	4	4
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	207.6
2.5°	203.4
5°	192.9
7.5°	176.7
10°	158.2
12.5°	137.9
15°	118.7
17.5°	101.3
20°	86.6
22.5°	74.2
25°	62.9
27.5°	53.1
30°	44.5
32.5°	36.5
35°	29.4
37.5°	23.7
40°	18.8
42.5°	15.1
45°	12.1
47.5°	10.5
50°	9.4
52.5°	8.7
55°	8.3
57.5°	7.9
60°	7.5
62.5°	6.8
65°	6.4
67.5°	6.0
70°	5.3
72.5°	4.9
75°	4.1
77.5°	3.8
80°	3.0
82.5°	2.6
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)