

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: P1258799

Luminaire Tested: P3AS02R209050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258799
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: P3AS02R209050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

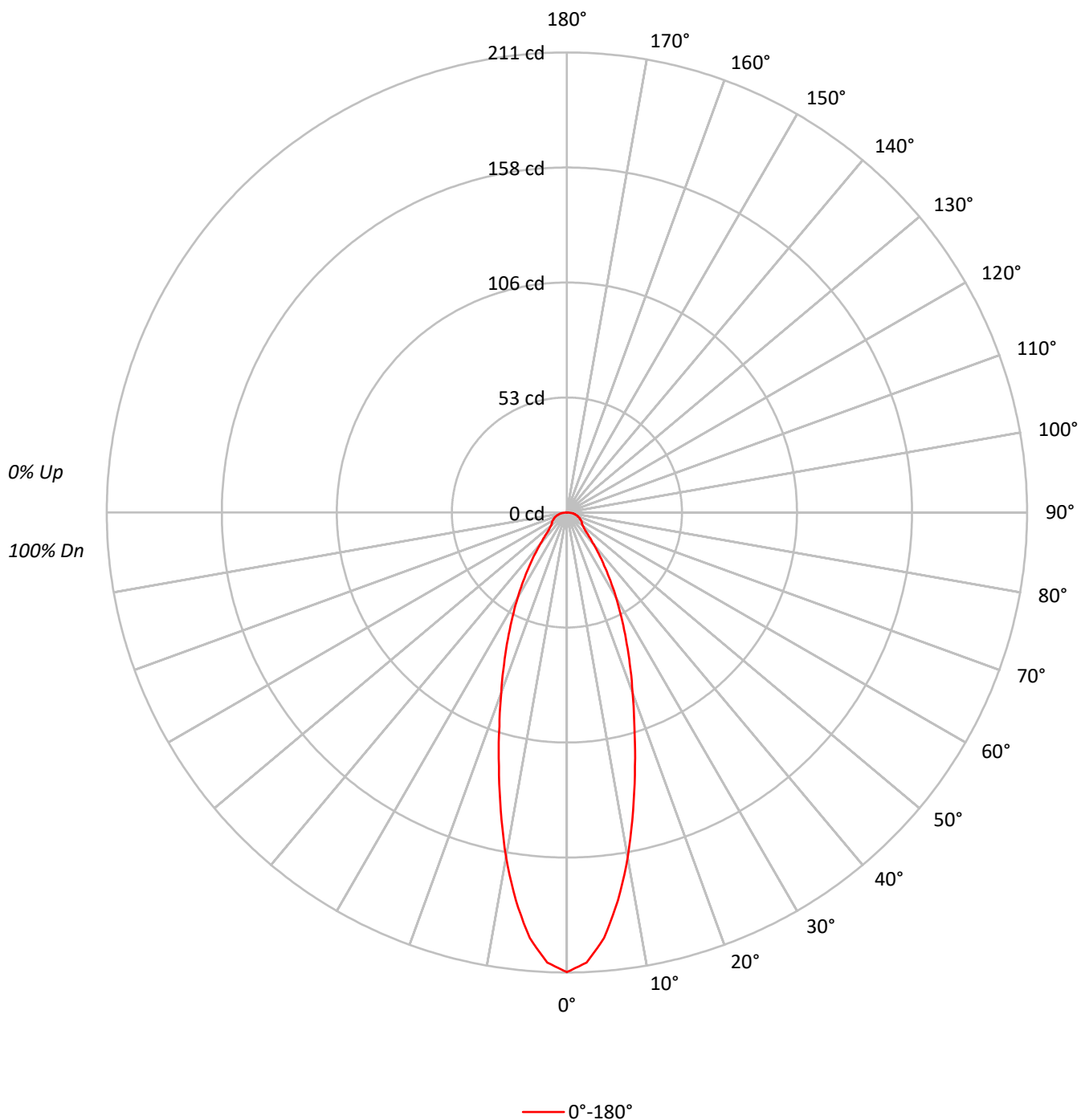
Lumens per Lamp: N/A
Luminaire Lumens: 130.0 lumens
Efficiency: N/A
Efficacy: 36.1 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
Input Voltage (V): NR
Input Current (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

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46224
5°	43121
10°	35782
15°	27355
20°	20535
25°	15461
30°	11419
35°	7977
40°	5467
45°	3783
50°	3275
55°	3211
60°	3377
65°	3373
70°	3462
75°	3558
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 4536 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.5	13.5
10°-20°	33.5	25.8
20°-30°	29.5	22.7
30°-40°	19.0	14.6
40°-50°	10.1	7.8
50°-60°	7.6	5.8
60°-70°	6.5	5.0
70°-80°	4.6	3.5
80°-90°	1.8	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°	80.5	62.0
0°-40°	99.5	76.6
0°-60°	117.2	90.2
0°-90°	130.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	130.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	211	
5°	196	18
15°	120	34
25°	64	29
35°	30	19
45°	12	10
55°	8	8
65°	6	6
75°	4	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	210.8
2.5°	206.6
5°	195.9
7.5°	179.4
10°	160.7
12.5°	140.0
15°	120.5
17.5°	102.9
20°	88.0
22.5°	75.4
25°	63.9
27.5°	53.9
30°	45.1
32.5°	37.1
35°	29.8
37.5°	24.1
40°	19.1
42.5°	15.3
45°	12.2
47.5°	10.7
50°	9.6
52.5°	8.8
55°	8.4
57.5°	8.0
60°	7.7
62.5°	6.9
65°	6.5
67.5°	6.1
70°	5.4
72.5°	5.0
75°	4.2
77.5°	3.8
80°	3.1
82.5°	2.7
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)