

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: P1253433

Luminaire Tested: P3AS02R209035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253433
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: P3AS02R209035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

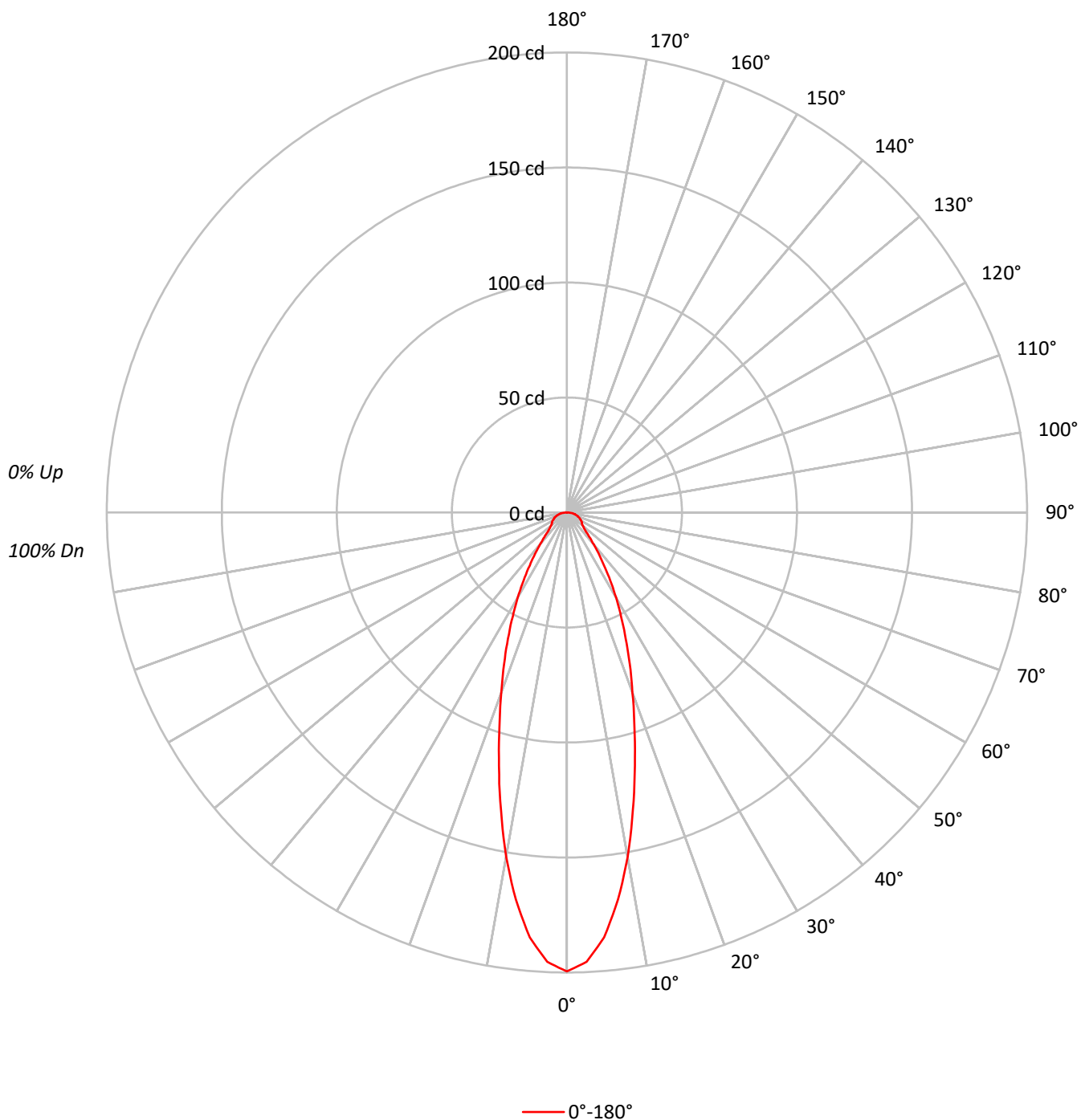
Lumens per Lamp: N/A
Luminaire Lumens: 123.0 lumens
Efficiency: N/A
Efficacy: 34.2 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	66		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	64	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		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	43746
5°	40810
10°	33845
15°	25880
20°	19438
25°	14638
30°	10812
35°	7549
40°	5181
45°	3597
50°	3104
55°	3058
60°	3158
65°	3217
70°	3270
75°	3389
80°	3662
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 4200 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.6	13.5
10°-20°	31.7	25.8
20°-30°	27.9	22.7
30°-40°	18.0	14.6
40°-50°	9.5	7.8
50°-60°	7.2	5.8
60°-70°	6.1	5.0
70°-80°	4.3	3.5
80°-90°	1.6	1.3
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°	76.2	62.0
0°-40°	94.2	76.6
0°-60°	110.9	90.2
0°-90°	123.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	123.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	200	
5°	185	17
15°	114	32
25°	60	28
35°	28	18
45°	12	10
55°	8	7
65°	6	6
75°	4	4
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	199.5
2.5°	195.5
5°	185.4
7.5°	169.8
10°	152.0
12.5°	132.5
15°	114.0
17.5°	97.4
20°	83.3
22.5°	71.3
25°	60.5
27.5°	51.0
30°	42.7
32.5°	35.1
35°	28.2
37.5°	22.8
40°	18.1
42.5°	14.5
45°	11.6
47.5°	10.1
50°	9.1
52.5°	8.3
55°	8.0
57.5°	7.6
60°	7.2
62.5°	6.5
65°	6.2
67.5°	5.8
70°	5.1
72.5°	4.7
75°	4.0
77.5°	3.6
80°	2.9
82.5°	2.5
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)