

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: P1266195

Luminaire Tested: P3A02R209735DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266195
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: P3A02R209735DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

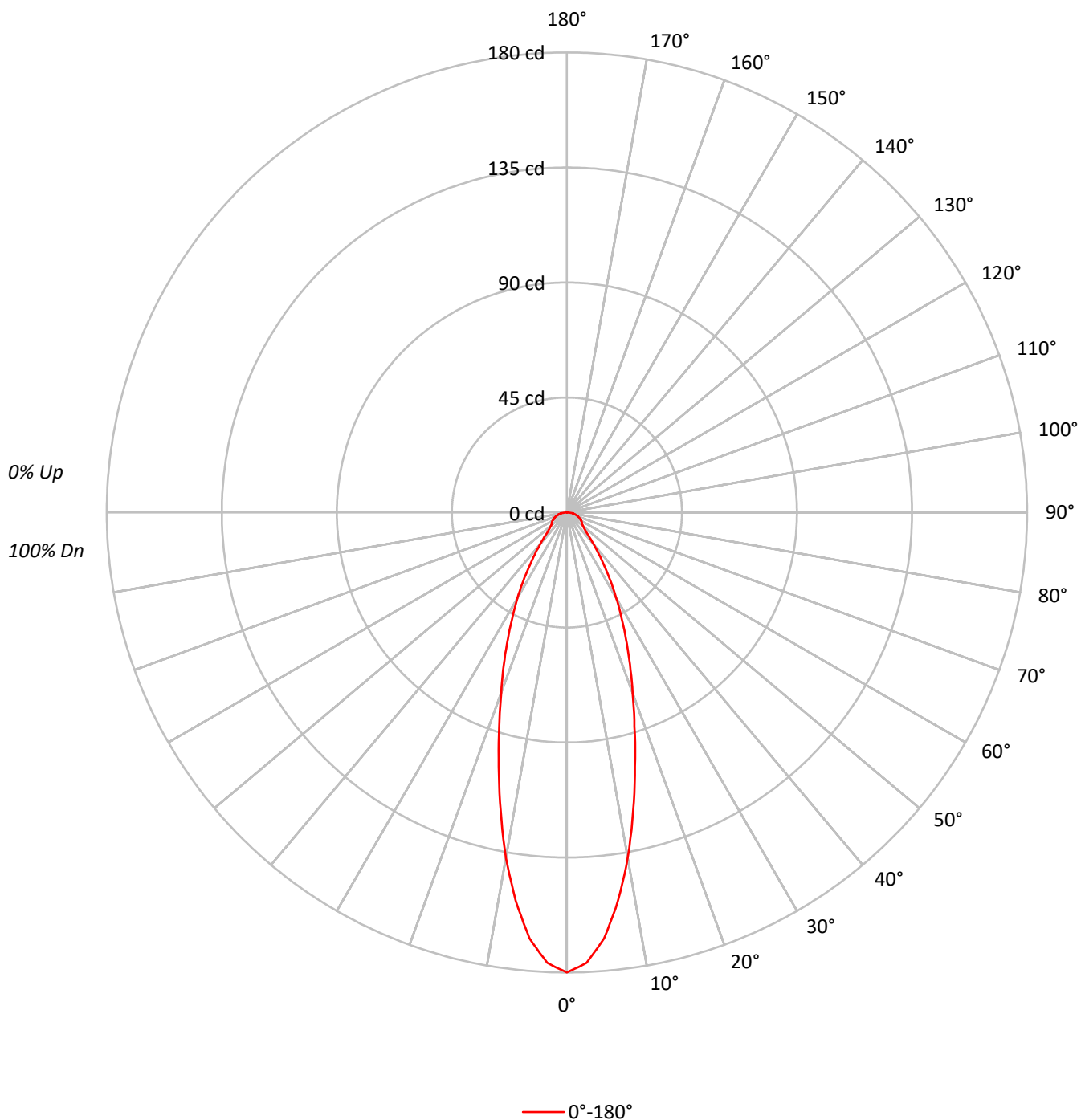
Lumens per Lamp: N/A
Luminaire Lumens: 111.1 lumens
Efficiency: N/A
Efficacy: 30.8 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	61	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°	39471
5°	36826
10°	30549
15°	23360
20°	17525
25°	13210
30°	9774
35°	6826
40°	4666
45°	3256
50°	2797
55°	2753
60°	2851
65°	2906
70°	2949
75°	3050
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 3864 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.0	13.5
10°-20°	28.6	25.8
20°-30°	25.2	22.7
30°-40°	16.3	14.6
40°-50°	8.6	7.8
50°-60°	6.5	5.8
60°-70°	5.5	5.0
70°-80°	3.9	3.5
80°-90°	1.5	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°	68.8	61.9
0°-40°	85.0	76.6
0°-60°	100.1	90.2
0°-90°	111.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	111.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	180	
5°	167	15
15°	103	29
25°	55	25
35°	26	16
45°	10	9
55°	7	6
65°	6	6
75°	4	4
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	180.0
2.5°	176.4
5°	167.3
7.5°	153.2
10°	137.2
12.5°	119.6
15°	102.9
17.5°	87.9
20°	75.1
22.5°	64.4
25°	54.6
27.5°	46.1
30°	38.6
32.5°	31.7
35°	25.5
37.5°	20.6
40°	16.3
42.5°	13.1
45°	10.5
47.5°	9.1
50°	8.2
52.5°	7.5
55°	7.2
57.5°	6.9
60°	6.5
62.5°	5.9
65°	5.6
67.5°	5.2
70°	4.6
72.5°	4.2
75°	3.6
77.5°	3.3
80°	2.6
82.5°	2.3
85°	1.3
87.5°	0.7
90°	0.0

(END OF REPORT)