

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: P1245587

Luminaire Tested: P3A02R129024DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245587
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: P3A02R129024DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

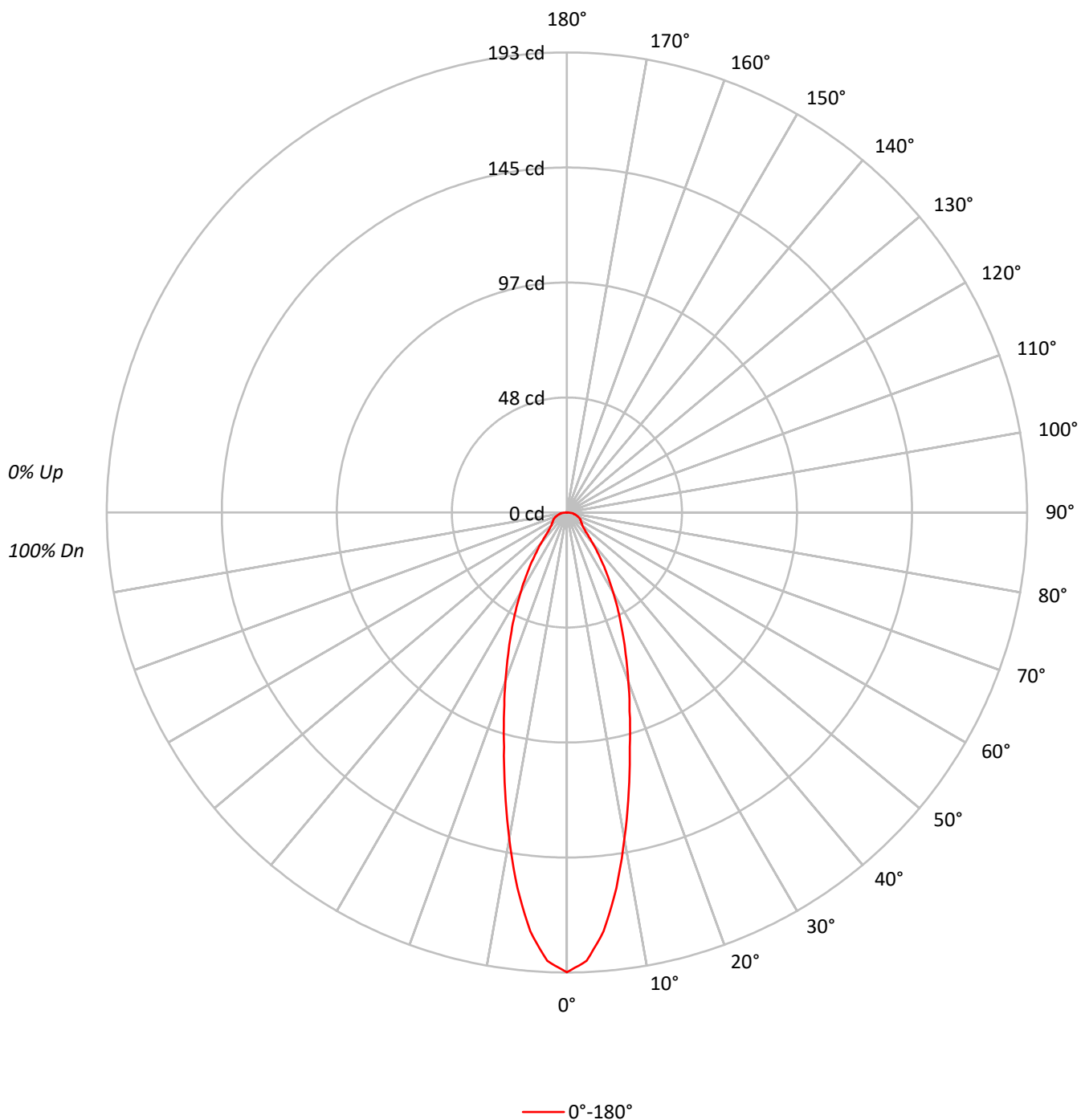
Lumens per Lamp: N/A
Luminaire Lumens: 113.1 lumens
Efficiency: N/A
Efficacy: 30.6 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.7
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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	59	54	74	64	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	58	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	42299
5°	38829
10°	30950
15°	23133
20°	17572
25°	13307
30°	9850
35°	7040
40°	4809
45°	3380
50°	2866
55°	2829
60°	2938
65°	3113
70°	3142
75°	3304
80°	3536
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°	15.6	13.8
10°-20°	28.6	25.3
20°-30°	25.3	22.4
30°-40°	16.6	14.7
40°-50°	8.9	7.8
50°-60°	6.7	5.9
60°-70°	5.8	5.1
70°-80°	4.0	3.5
80°-90°	1.6	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°	69.5	61.5
0°-40°	86.1	76.1
0°-60°	101.7	89.9
0°-90°	113.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	113.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	193	
5°	176	16
15°	102	29
25°	55	25
35°	26	17
45°	11	9
55°	7	7
65°	6	6
75°	4	4
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	192.9
2.5°	188.3
5°	176.4
7.5°	158.9
10°	139.0
12.5°	119.7
15°	101.9
17.5°	87.5
20°	75.3
22.5°	64.4
25°	55.0
27.5°	46.6
30°	38.9
32.5°	32.2
35°	26.3
37.5°	21.0
40°	16.8
42.5°	13.3
45°	10.9
47.5°	9.5
50°	8.4
52.5°	8.1
55°	7.4
57.5°	7.0
60°	6.7
62.5°	6.3
65°	6.0
67.5°	5.3
70°	4.9
72.5°	4.2
75°	3.9
77.5°	3.2
80°	2.8
82.5°	2.5
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)