

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: P1256082

Luminaire Tested: P3AS02R129040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256082
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: P3AS02R129040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

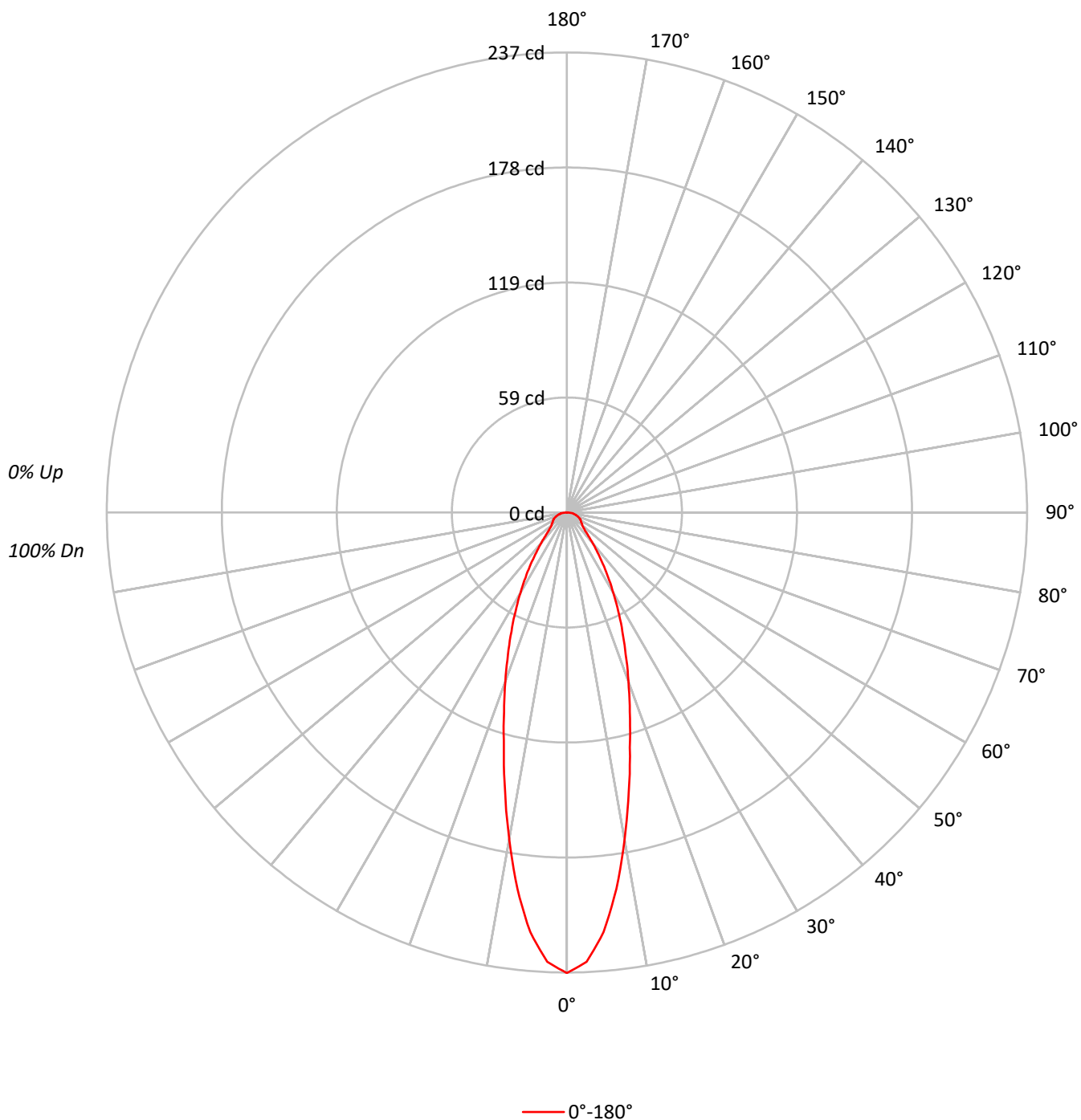
Lumens per Lamp: N/A
Luminaire Lumens: 139.0 lumens
Efficiency: N/A
Efficacy: 37.6 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	80	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	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	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52035
5°	47766
10°	38053
15°	28445
20°	21609
25°	16356
30°	12103
35°	8646
40°	5925
45°	4124
50°	3514
55°	3441
60°	3596
65°	3788
70°	3847
75°	3982
80°	4293
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 82.5°
Luminance: 5040 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	13.8
10°-20°	35.1	25.3
20°-30°	31.1	22.4
30°-40°	20.4	14.7
40°-50°	10.9	7.8
50°-60°	8.2	5.9
60°-70°	7.1	5.1
70°-80°	4.9	3.5
80°-90°	2.0	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°	85.5	61.5
0°-40°	105.9	76.2
0°-60°	125.0	89.9
0°-90°	139.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	139.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	237	
5°	217	19
15°	125	35
25°	68	31
35°	32	20
45°	13	11
55°	9	8
65°	7	7
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	237.3
2.5°	231.7
5°	217.0
7.5°	195.5
10°	170.9
12.5°	147.3
15°	125.3
17.5°	107.6
20°	92.6
22.5°	79.2
25°	67.6
27.5°	57.3
30°	47.8
32.5°	39.6
35°	32.3
37.5°	25.8
40°	20.7
42.5°	16.4
45°	13.3
47.5°	11.6
50°	10.3
52.5°	9.9
55°	9.0
57.5°	8.6
60°	8.2
62.5°	7.8
65°	7.3
67.5°	6.5
70°	6.0
72.5°	5.2
75°	4.7
77.5°	3.9
80°	3.4
82.5°	3.0
85°	1.7
87.5°	0.9
90°	0.0

(END OF REPORT)