

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: P1268516

Luminaire Tested: P3A02R129740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268516
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: P3A02R129740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

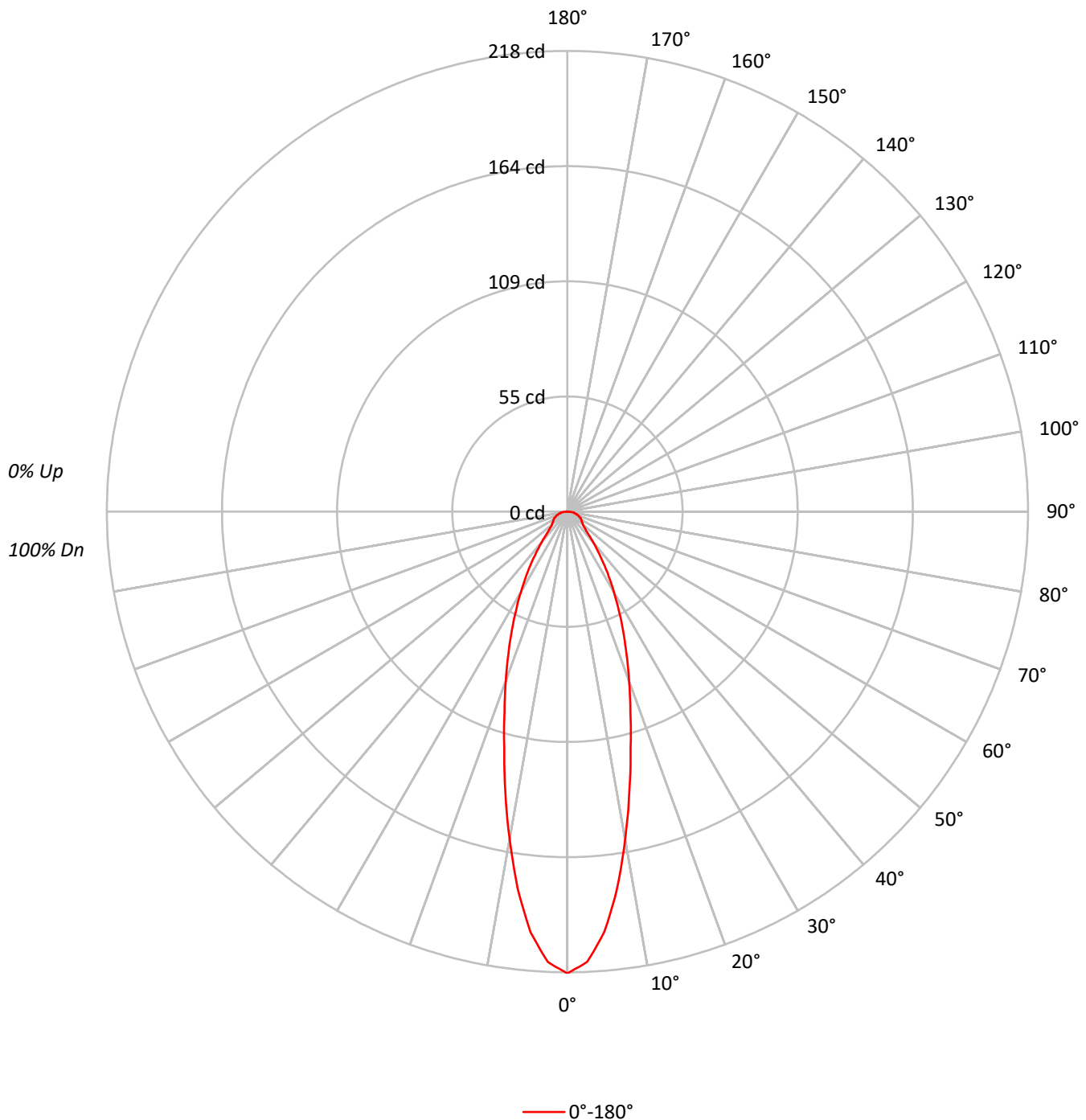
Lumens per Lamp: N/A
Luminaire Lumens: 128.0 lumens
Efficiency: N/A
Efficacy: 34.6 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	47913
5°	43980
10°	35047
15°	26198
20°	19905
25°	15073
30°	11141
35°	7950
40°	5439
45°	3814
50°	3241
55°	3173
60°	3289
65°	3476
70°	3590
75°	3728
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 4704 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.7	13.8
10°-20°	32.4	25.3
20°-30°	28.7	22.4
30°-40°	18.8	14.7
40°-50°	10.0	7.8
50°-60°	7.6	5.9
60°-70°	6.5	5.1
70°-80°	4.5	3.5
80°-90°	1.9	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°	78.7	61.5
0°-40°	97.5	76.2
0°-60°	115.1	89.9
0°-90°	128.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	128.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	218	
5°	200	18
15°	115	32
25°	62	29
35°	30	19
45°	12	10
55°	8	8
65°	7	7
75°	4	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	218.5
2.5°	213.3
5°	199.8
7.5°	180.0
10°	157.4
12.5°	135.6
15°	115.4
17.5°	99.1
20°	85.3
22.5°	73.0
25°	62.3
27.5°	52.7
30°	44.0
32.5°	36.5
35°	29.7
37.5°	23.8
40°	19.0
42.5°	15.1
45°	12.3
47.5°	10.7
50°	9.5
52.5°	9.1
55°	8.3
57.5°	7.9
60°	7.5
62.5°	7.1
65°	6.7
67.5°	5.9
70°	5.6
72.5°	4.8
75°	4.4
77.5°	3.6
80°	3.2
82.5°	2.8
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)