

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: P1254940

Luminaire Tested: P3AS17R129035DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254940
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R129035DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

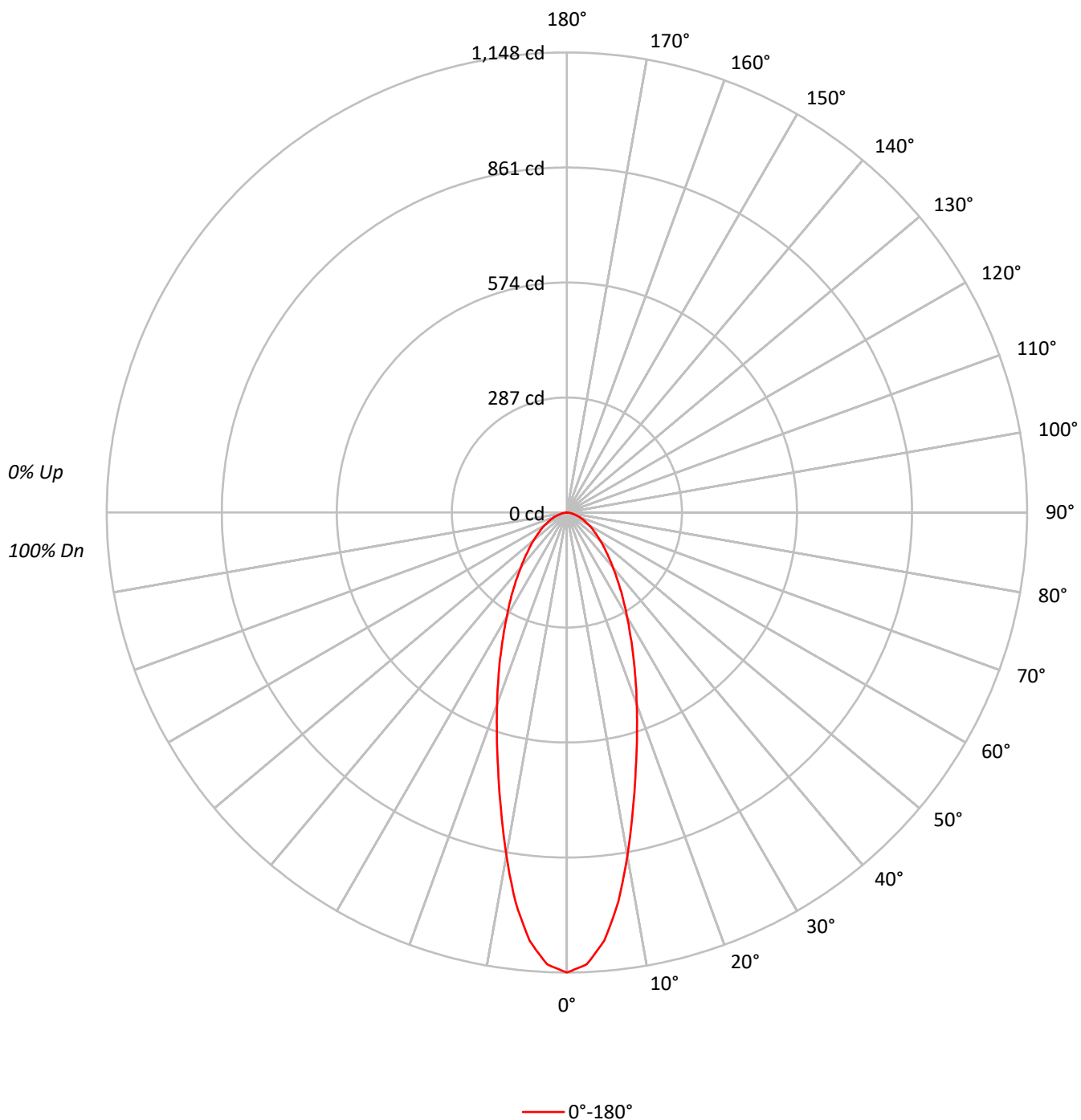
Lumens per Lamp: N/A
Luminaire Lumens: 865.0 lumens
Efficiency: N/A
Efficacy: 37.8 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	251712
5°	235967
10°	193495
15°	150330
20°	118660
25°	94578
30°	75910
35°	61971
40°	51067
45°	42950
50°	36911
55°	31922
60°	28287
65°	24594
70°	21927
75°	17707
80°	14396
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42950 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.7	11.1
10°-20°	185.5	21.4
20°-30°	180.3	20.8
30°-40°	145.7	16.8
40°-50°	108.2	12.5
50°-60°	75.6	8.7
60°-70°	47.3	5.5
70°-80°	22.5	2.6
80°-90°	4.1	0.5
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°	461.5	53.4
0°-40°	607.2	70.2
0°-60°	791.0	91.4
0°-90°	865.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	865.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1148	
5°	1072	96
15°	662	185
25°	391	180
35°	232	146
45°	138	108
55°	84	76
65°	47	47
75°	21	23
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1147.9
2.5°	1129.0
5°	1072.0
7.5°	981.0
10°	869.0
12.5°	759.0
15°	662.2
17.5°	580.6
20°	508.5
22.5°	445.9
25°	390.9
27.5°	341.5
30°	299.8
32.5°	263.7
35°	231.5
37.5°	203.0
40°	178.4
42.5°	157.5
45°	138.5
47.5°	123.3
50°	108.2
52.5°	94.9
55°	83.5
57.5°	74.0
60°	64.5
62.5°	55.0
65°	47.4
67.5°	39.8
70°	34.2
72.5°	26.6
75°	20.9
77.5°	15.2
80°	11.4
82.5°	5.7
85°	3.8
87.5°	0.0
90°	0.0

(END OF REPORT)