

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: P1257647

Luminaire Tested: P3AS17R129040DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257647
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: P3AS17R129040DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

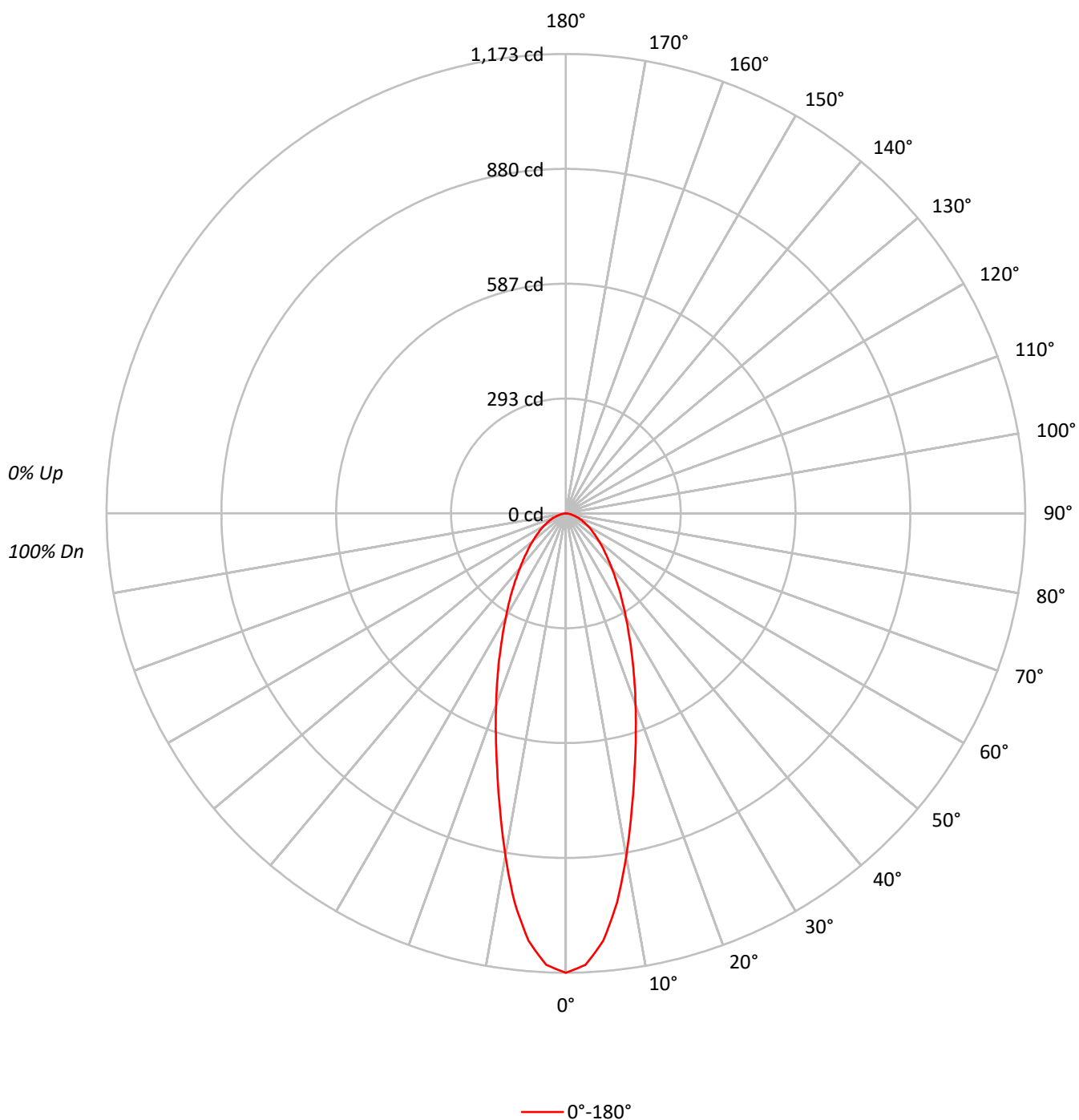
Lumens per Lamp: N/A
Luminaire Lumens: 883.9 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	257238
5°	241162
10°	197747
15°	153622
20°	121274
25°	96635
30°	77582
35°	63336
40°	52183
45°	43912
50°	37696
55°	32611
60°	28901
65°	25165
70°	22376
75°	18046
80°	14648
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 43912 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.9	11.1
10°-20°	189.6	21.4
20°-30°	184.2	20.8
30°-40°	148.9	16.8
40°-50°	110.6	12.5
50°-60°	77.3	8.7
60°-70°	48.4	5.5
70°-80°	23.0	2.6
80°-90°	4.2	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°	471.7	53.4
0°-40°	620.6	70.2
0°-60°	808.4	91.5
0°-90°	883.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	883.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1173	
5°	1096	98
15°	677	190
25°	399	184
35°	237	149
45°	142	111
55°	85	77
65°	48	48
75°	21	23
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1173.1
2.5°	1153.8
5°	1095.6
7.5°	1002.5
10°	888.1
12.5°	775.6
15°	676.7
17.5°	593.4
20°	519.7
22.5°	455.7
25°	399.4
27.5°	349.0
30°	306.4
32.5°	269.5
35°	236.6
37.5°	207.5
40°	182.3
42.5°	160.9
45°	141.6
47.5°	126.0
50°	110.5
52.5°	97.0
55°	85.3
57.5°	75.6
60°	65.9
62.5°	56.2
65°	48.5
67.5°	40.7
70°	34.9
72.5°	27.1
75°	21.3
77.5°	15.5
80°	11.6
82.5°	5.8
85°	3.9
87.5°	0.0
90°	0.0

(END OF REPORT)