

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: P1257705

Luminaire Tested: P3AS17R209040DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257705
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R209040DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

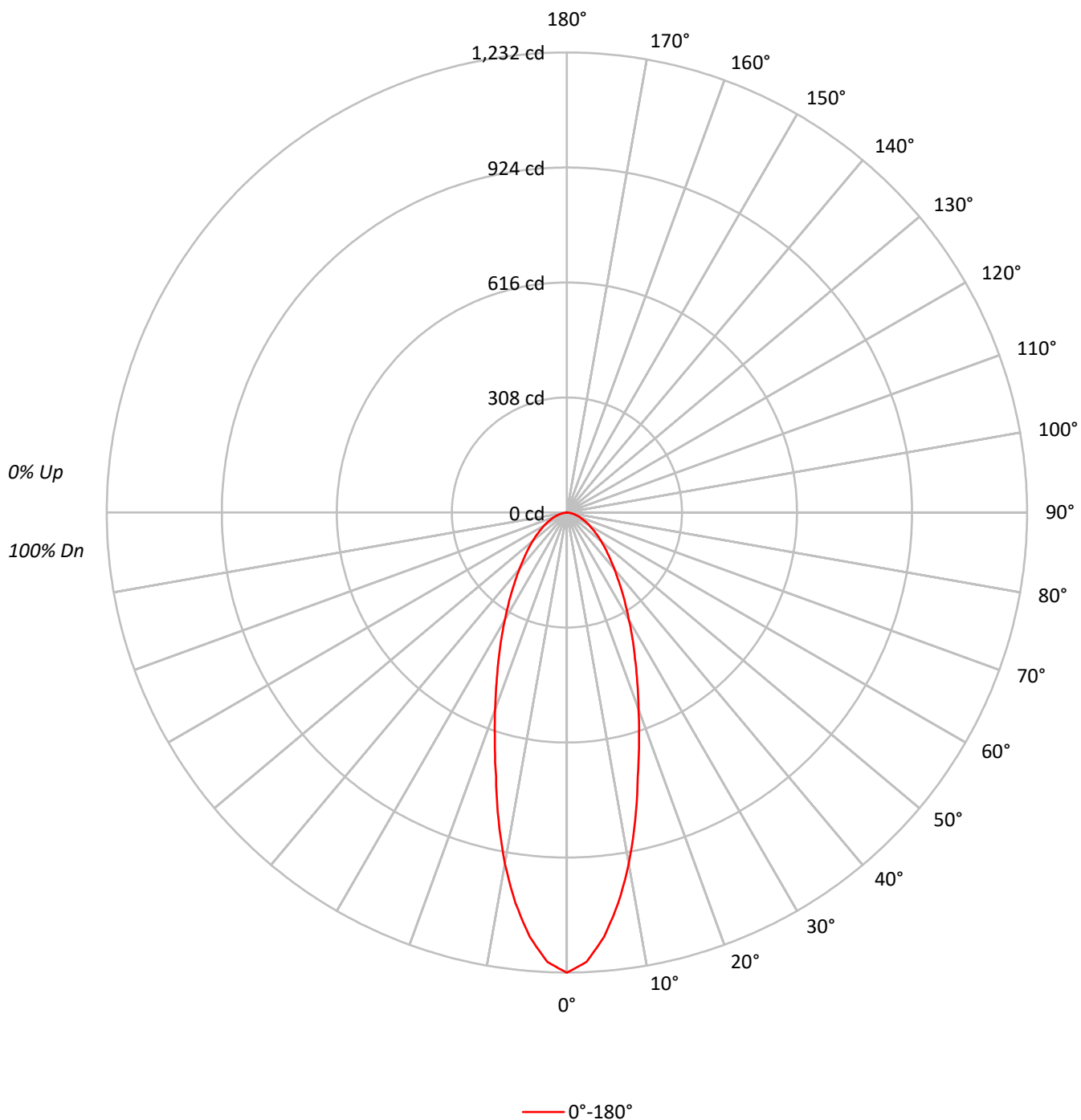
Lumens per Lamp: N/A
Luminaire Lumens: 953.0 lumens
Efficiency: N/A
Efficacy: 45.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	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	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	63	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	270263
5°	251067
10°	212621
15°	166425
20°	130981
25°	104401
30°	83962
35°	68449
40°	56620
45°	47695
50°	40903
55°	35134
60°	30655
65°	26929
70°	23081
75°	20334
80°	15153
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47695 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.0	10.8
10°-20°	205.2	21.5
20°-30°	199.3	20.9
30°-40°	161.0	16.9
40°-50°	119.7	12.6
50°-60°	83.1	8.7
60°-70°	52.1	5.5
70°-80°	25.3	2.7
80°-90°	4.3	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°	507.5	53.3
0°-40°	668.5	70.1
0°-60°	871.3	91.4
0°-90°	953.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	953.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1232	
5°	1141	103
15°	733	205
25°	432	199
35°	256	161
45°	154	120
55°	92	83
65°	52	52
75°	24	25
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1232.5
2.5°	1204.6
5°	1140.6
7.5°	1054.7
10°	954.9
12.5°	845.0
15°	733.1
17.5°	641.2
20°	561.3
22.5°	491.4
25°	431.5
27.5°	379.5
30°	331.6
32.5°	291.7
35°	255.7
37.5°	223.7
40°	197.8
42.5°	173.8
45°	153.8
47.5°	135.8
50°	119.9
52.5°	105.9
55°	91.9
57.5°	79.9
60°	69.9
62.5°	61.9
65°	51.9
67.5°	43.9
70°	36.0
72.5°	30.0
75°	24.0
77.5°	18.0
80°	12.0
82.5°	6.0
85°	4.0
87.5°	0.0
90°	0.0

(END OF REPORT)