

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: P1254998

Luminaire Tested: P3AS17R209035DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254998
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: P3AS17R209035DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

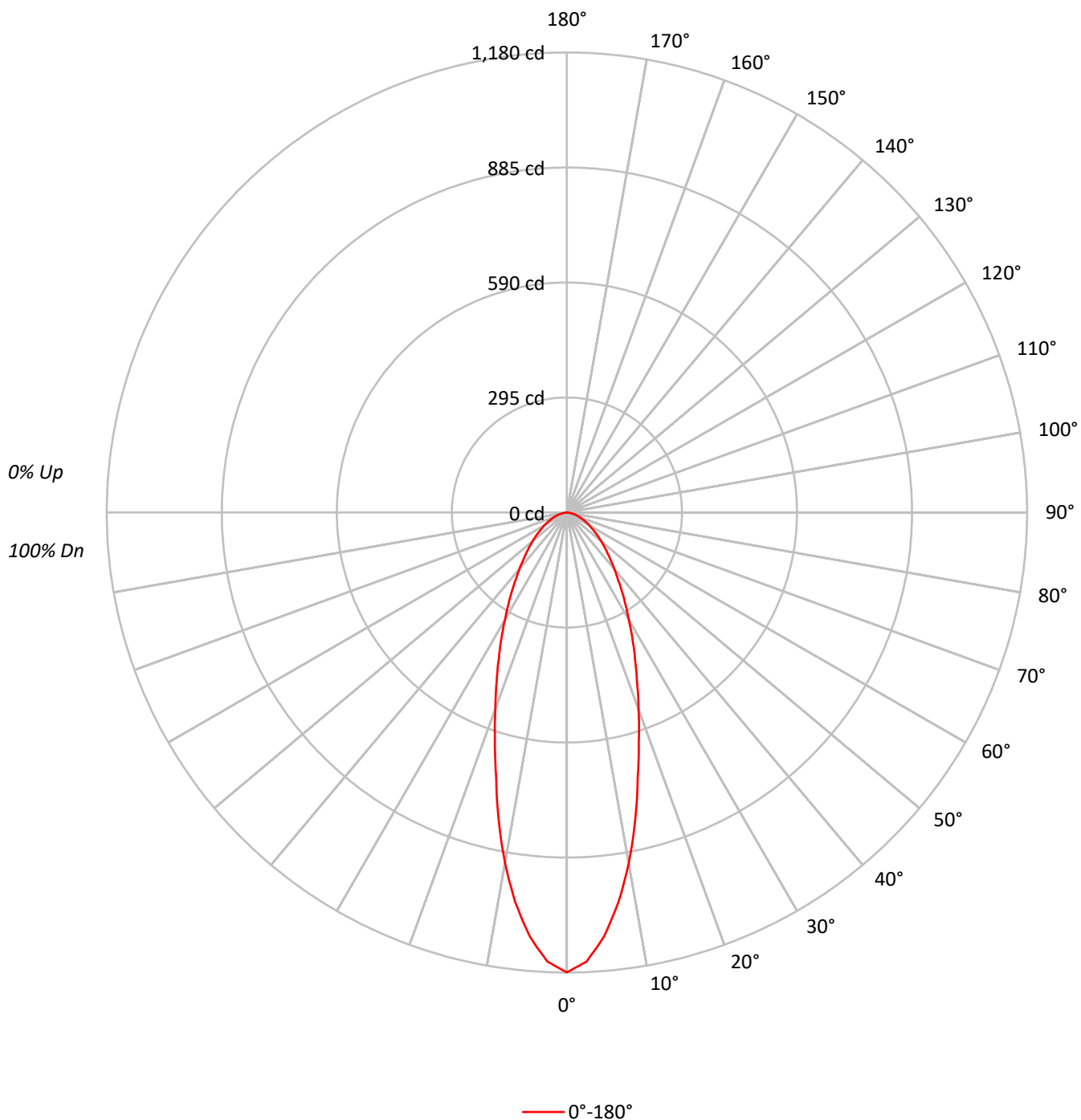
Lumens per Lamp: N/A
Luminaire Lumens: 912.0 lumens
Efficiency: N/A
Efficacy: 43.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	64	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°	258642
5°	240281
10°	203470
15°	159274
20°	125358
25°	99901
30°	80341
35°	65504
40°	54187
45°	45648
50°	39129
55°	33605
60°	29340
65°	25787
70°	22055
75°	19402
80°	14522
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45648 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.5	10.8
10°-20°	196.4	21.5
20°-30°	190.7	20.9
30°-40°	154.1	16.9
40°-50°	114.5	12.6
50°-60°	79.5	8.7
60°-70°	49.9	5.5
70°-80°	24.2	2.7
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°	485.7	53.3
0°-40°	639.8	70.1
0°-60°	833.8	91.4
0°-90°	912.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	912.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1180	
5°	1092	99
15°	702	196
25°	413	191
35°	245	154
45°	147	115
55°	88	80
65°	50	50
75°	23	24
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1179.5
2.5°	1152.7
5°	1091.6
7.5°	1009.4
10°	913.8
12.5°	808.6
15°	701.6
17.5°	613.6
20°	537.2
22.5°	470.3
25°	412.9
27.5°	363.2
30°	317.3
32.5°	279.1
35°	244.7
37.5°	214.1
40°	189.3
42.5°	166.3
45°	147.2
47.5°	130.0
50°	114.7
52.5°	101.3
55°	87.9
57.5°	76.5
60°	66.9
62.5°	59.3
65°	49.7
67.5°	42.1
70°	34.4
72.5°	28.7
75°	22.9
77.5°	17.2
80°	11.5
82.5°	5.7
85°	3.8
87.5°	0.0
90°	0.0

(END OF REPORT)