

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: P1252291

Luminaire Tested: P3AS17R209030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252291
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: P3AS17R209030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

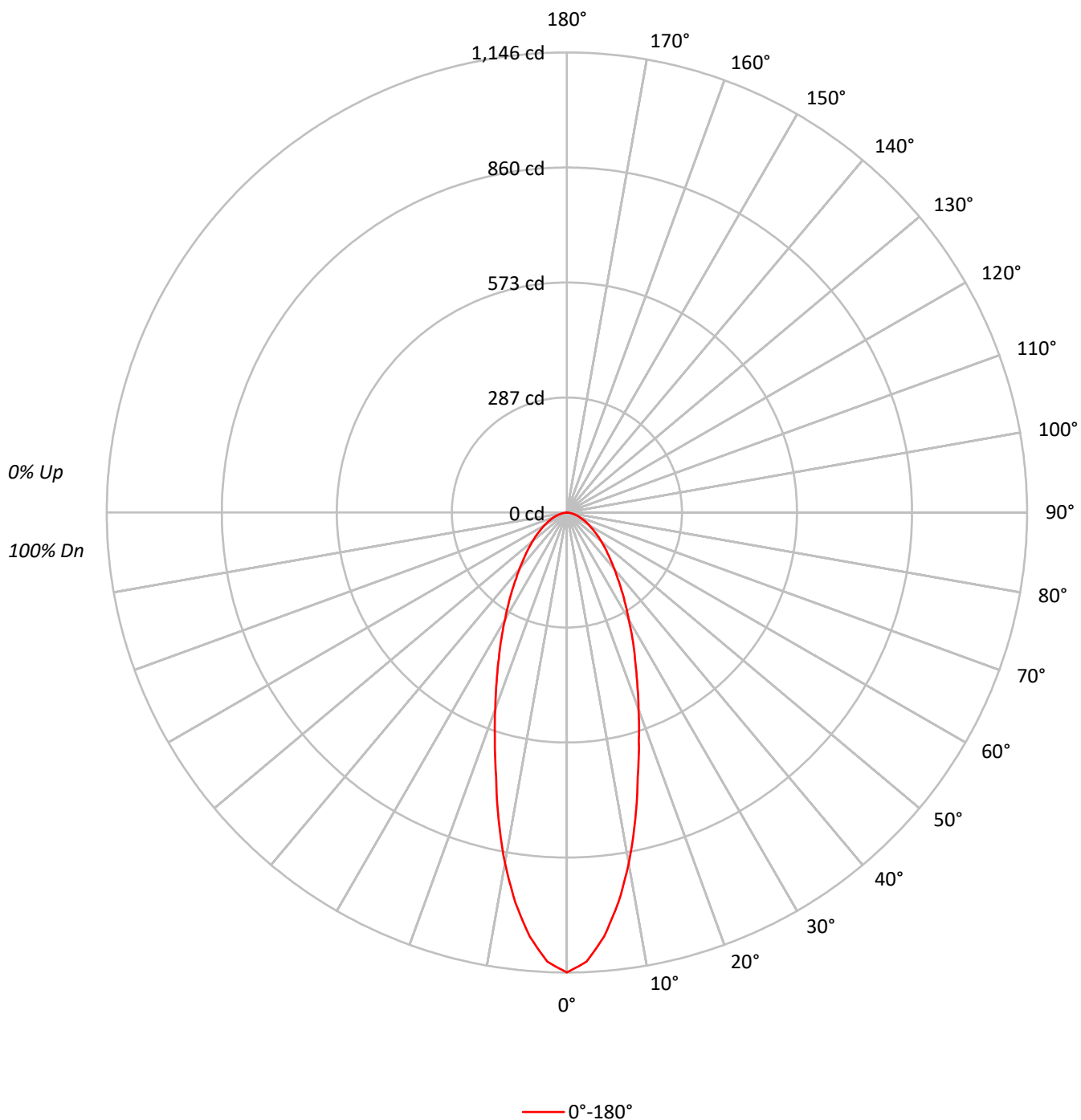
Lumens per Lamp: N/A
Luminaire Lumens: 886.0 lumens
Efficiency: N/A
Efficacy: 41.8 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1252291

CATALOG NUMBER: P3AS17R209030DE010 E3PHLD1MW

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°	251274
5°	233413
10°	197658
15°	154734
20°	121787
25°	97046
30°	78063
35°	63630
40°	52641
45°	44346
50°	38003
55°	32649
60°	28506
65°	25061
70°	21414
75°	18893
80°	14017
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44346 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.7	10.8
10°-20°	190.8	21.5
20°-30°	185.3	20.9
30°-40°	149.7	16.9
40°-50°	111.3	12.6
50°-60°	77.3	8.7
60°-70°	48.4	5.5
70°-80°	23.5	2.7
80°-90°	4.0	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°	471.8	53.3
0°-40°	621.5	70.1
0°-60°	810.1	91.4
0°-90°	886.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	886.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1146	
5°	1060	96
15°	682	191
25°	401	185
35°	238	150
45°	143	111
55°	85	77
65°	48	48
75°	22	23
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1145.9
2.5°	1119.9
5°	1060.4
7.5°	980.6
10°	887.7
12.5°	785.6
15°	681.6
17.5°	596.2
20°	521.9
22.5°	456.9
25°	401.1
27.5°	352.9
30°	308.3
32.5°	271.1
35°	237.7
37.5°	208.0
40°	183.9
42.5°	161.6
45°	143.0
47.5°	126.3
50°	111.4
52.5°	98.4
55°	85.4
57.5°	74.3
60°	65.0
62.5°	57.6
65°	48.3
67.5°	40.9
70°	33.4
72.5°	27.9
75°	22.3
77.5°	16.7
80°	11.1
82.5°	5.6
85°	3.7
87.5°	0.0
90°	0.0

(END OF REPORT)