

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: P1276388

Luminaire Tested: P3AS17R209835DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276388
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: P3AS17R209835DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

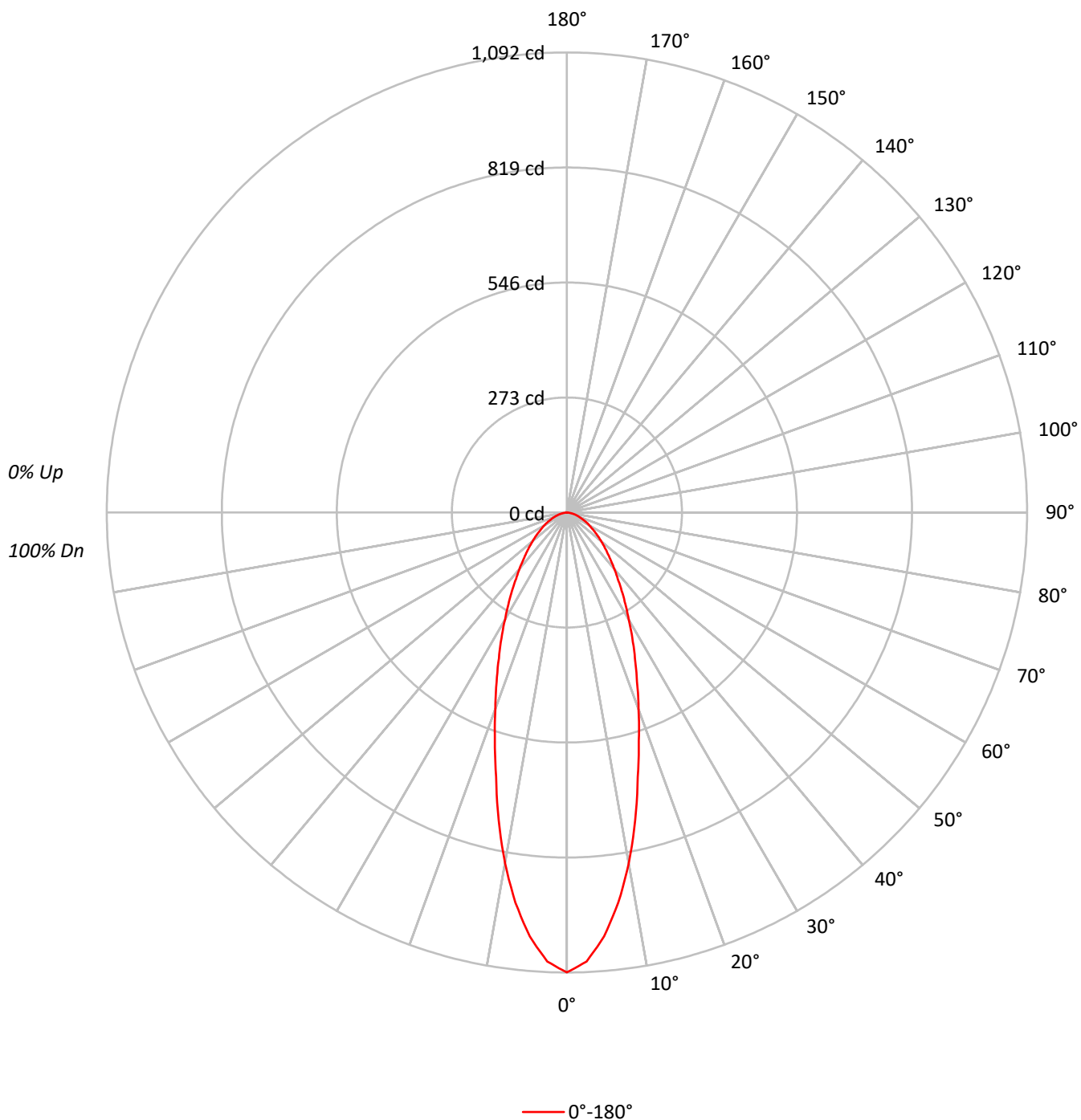
Lumens per Lamp: N/A
Luminaire Lumens: 843.9 lumens
Efficiency: N/A
Efficacy: 41.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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: P1276388

CATALOG NUMBER: P3AS17R209835DE010 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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	92	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	85	82	82	82	80
3	98	90	83	78	95	88	82	78	85	81	77	83	79	75	80	77	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	62	62	60
6	81	70	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57	57	57	55
7	76	66	59	54	75	65	58	53	64	58	53	62	57	53	61	56	53	53	53	51
8	72	61	54	50	71	61	54	50	60	54	49	58	53	49	57	53	49	49	49	47
9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	46	46	46	44
10	65	54	48	43	64	54	48	43	53	47	43	52	47	43	51	46	43	43	43	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	239367
5°	222363
10°	188284
15°	147402
20°	116000
25°	92449
30°	74366
35°	60606
40°	50122
45°	42237
50°	36195
55°	31120
60°	27147
65°	23868
70°	20388
75°	17961
80°	13386
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 42237 cd/sqm

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CATALOG NUMBER: P3AS17R209835DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.2	10.8
10°-20°	181.8	21.5
20°-30°	176.5	20.9
30°-40°	142.6	16.9
40°-50°	106.0	12.6
50°-60°	73.6	8.7
60°-70°	46.1	5.5
70°-80°	22.3	2.6
80°-90°	3.8	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°	449.5	53.3
0°-40°	592.0	70.2
0°-60°	771.6	91.4
0°-90°	843.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	843.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1092	
5°	1010	91
15°	649	182
25°	382	176
35°	226	143
45°	136	106
55°	81	74
65°	46	46
75°	21	22
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1091.6
2.5°	1066.8
5°	1010.2
7.5°	934.1
10°	845.6
12.5°	748.3
15°	649.3
17.5°	567.9
20°	497.1
22.5°	435.2
25°	382.1
27.5°	336.1
30°	293.7
32.5°	258.3
35°	226.4
37.5°	198.1
40°	175.1
42.5°	153.9
45°	136.2
47.5°	120.3
50°	106.1
52.5°	93.8
55°	81.4
57.5°	70.8
60°	61.9
62.5°	54.8
65°	46.0
67.5°	38.9
70°	31.8
72.5°	26.5
75°	21.2
77.5°	15.9
80°	10.6
82.5°	5.3
85°	3.5
87.5°	0.0
90°	0.0

(END OF REPORT)