

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: P1262982

Luminaire Tested: P3AS17R209727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262982
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R209727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

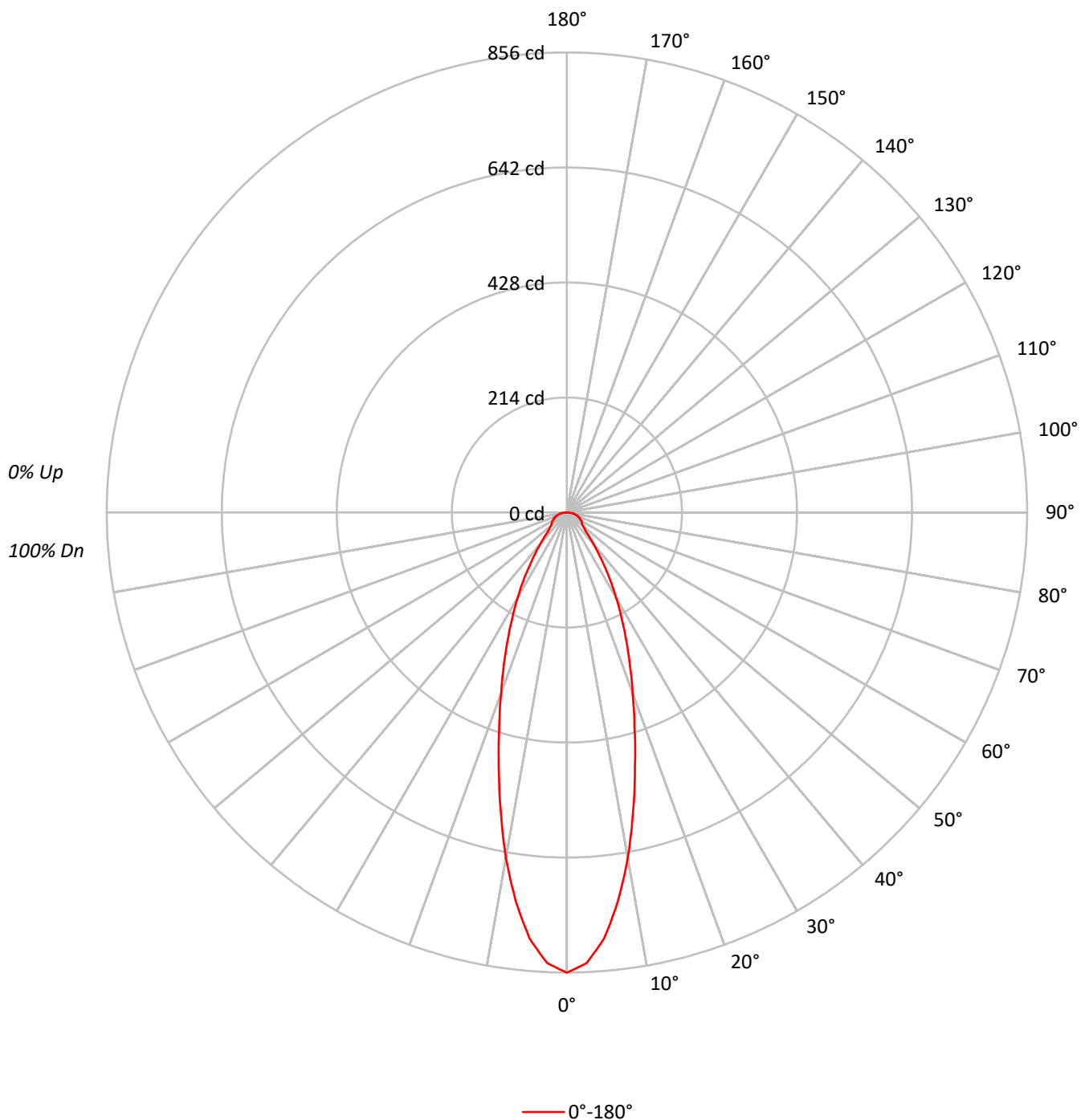
Lumens per Lamp: N/A
Luminaire Lumens: 528.0 lumens
Efficiency: N/A
Efficacy: 24.9 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	64	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	187770
5°	175148
10°	145332
15°	111124
20°	83401
25°	62786
30°	46438
35°	32444
40°	22242
45°	15412
50°	13270
55°	13075
60°	13639
65°	13698
70°	13977
75°	14488
80°	15659
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 18312 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.3	13.5
10°-20°	136.1	25.8
20°-30°	119.7	22.7
30°-40°	77.3	14.6
40°-50°	41.0	7.8
50°-60°	30.8	5.8
60°-70°	26.2	5.0
70°-80°	18.5	3.5
80°-90°	7.2	1.4
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°	327.1	62.0
0°-40°	404.4	76.6
0°-60°	476.2	90.2
0°-90°	528.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	528.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	856	
5°	796	71
15°	490	136
25°	260	120
35°	121	77
45°	50	41
55°	34	31
65°	26	26
75°	17	18
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	856.3
2.5°	839.2
5°	795.7
7.5°	728.8
10°	652.7
12.5°	568.8
15°	489.5
17.5°	418.0
20°	357.4
22.5°	306.1
25°	259.5
27.5°	219.1
30°	183.4
32.5°	150.7
35°	121.2
37.5°	97.9
40°	77.7
42.5°	62.2
45°	49.7
47.5°	43.5
50°	38.9
52.5°	35.7
55°	34.2
57.5°	32.6
60°	31.1
62.5°	28.0
65°	26.4
67.5°	24.9
70°	21.8
72.5°	20.2
75°	17.1
77.5°	15.5
80°	12.4
82.5°	10.9
85°	6.2
87.5°	3.1
90°	0.0

(END OF REPORT)