

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: P1260303

Luminaire Tested: P3AS17R209050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260303
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: P3AS17R209050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

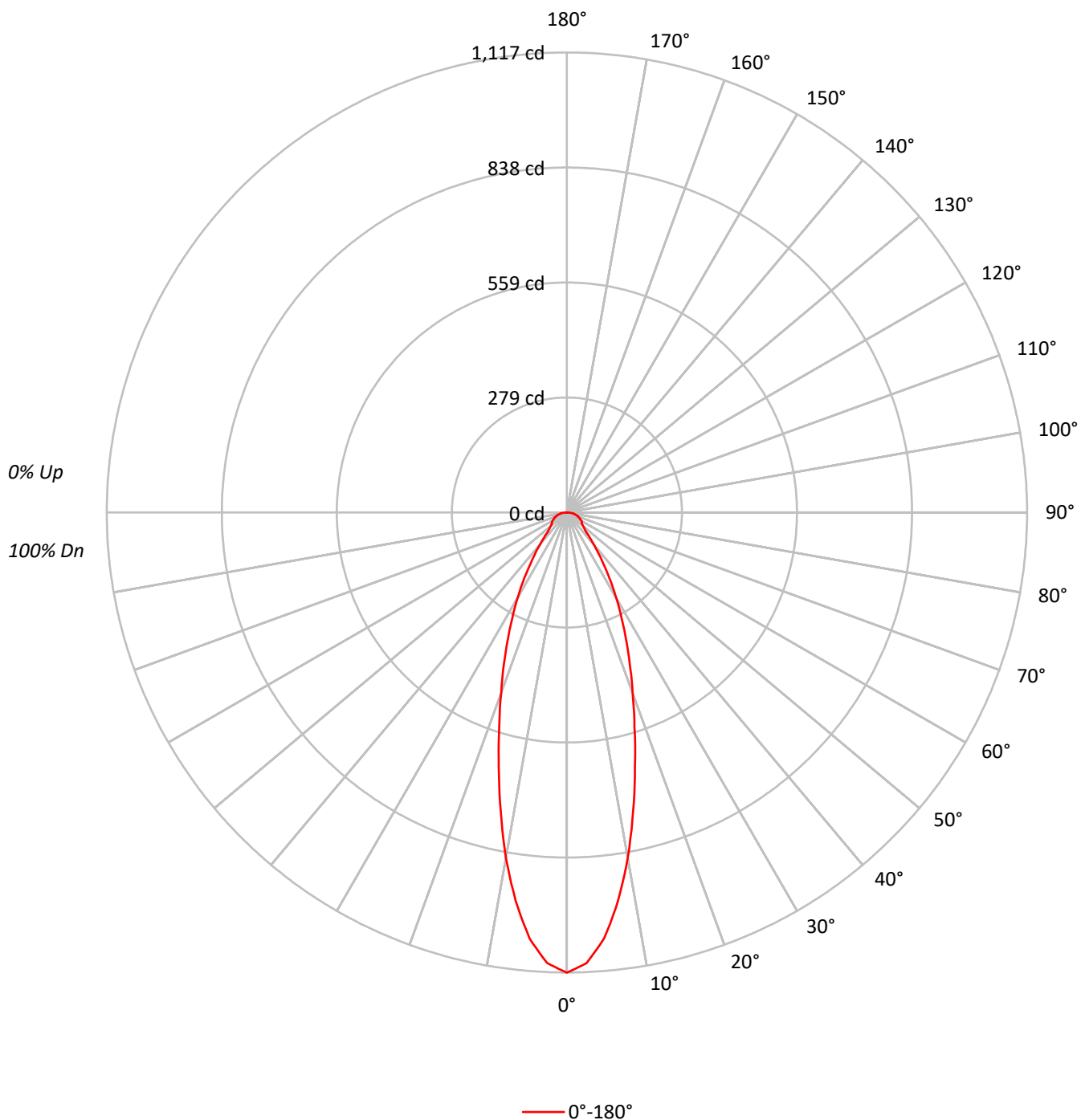
Lumens per Lamp: N/A
Luminaire Lumens: 689.0 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	245024
5°	228549
10°	189642
15°	145018
20°	108836
25°	81948
30°	60592
35°	42349
40°	29026
45°	20126
50°	17296
55°	17051
60°	17806
65°	17901
70°	18208
75°	18893
80°	20457
85°	20379

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 23856 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.0	13.5
10°-20°	177.6	25.8
20°-30°	156.3	22.7
30°-40°	100.9	14.6
40°-50°	53.5	7.8
50°-60°	40.2	5.8
60°-70°	34.2	5.0
70°-80°	24.1	3.5
80°-90°	9.4	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°	426.9	62.0
0°-40°	527.8	76.6
0°-60°	621.4	90.2
0°-90°	689.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	689.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1117	
5°	1038	93
15°	639	178
25°	339	156
35°	158	101
45°	65	53
55°	45	40
65°	34	34
75°	22	24
85°	8	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1117.4
2.5°	1095.1
5°	1038.3
7.5°	951.1
10°	851.7
12.5°	742.2
15°	638.8
17.5°	545.5
20°	466.4
22.5°	399.5
25°	338.7
27.5°	285.9
30°	239.3
32.5°	196.7
35°	158.2
37.5°	127.8
40°	101.4
42.5°	81.1
45°	64.9
47.5°	56.8
50°	50.7
52.5°	46.6
55°	44.6
57.5°	42.6
60°	40.6
62.5°	36.5
65°	34.5
67.5°	32.4
70°	28.4
72.5°	26.4
75°	22.3
77.5°	20.3
80°	16.2
82.5°	14.2
85°	8.1
87.5°	4.1
90°	0.0

(END OF REPORT)