

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: P1257706

Luminaire Tested: P3AS17R209040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257706
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: P3AS17R209040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

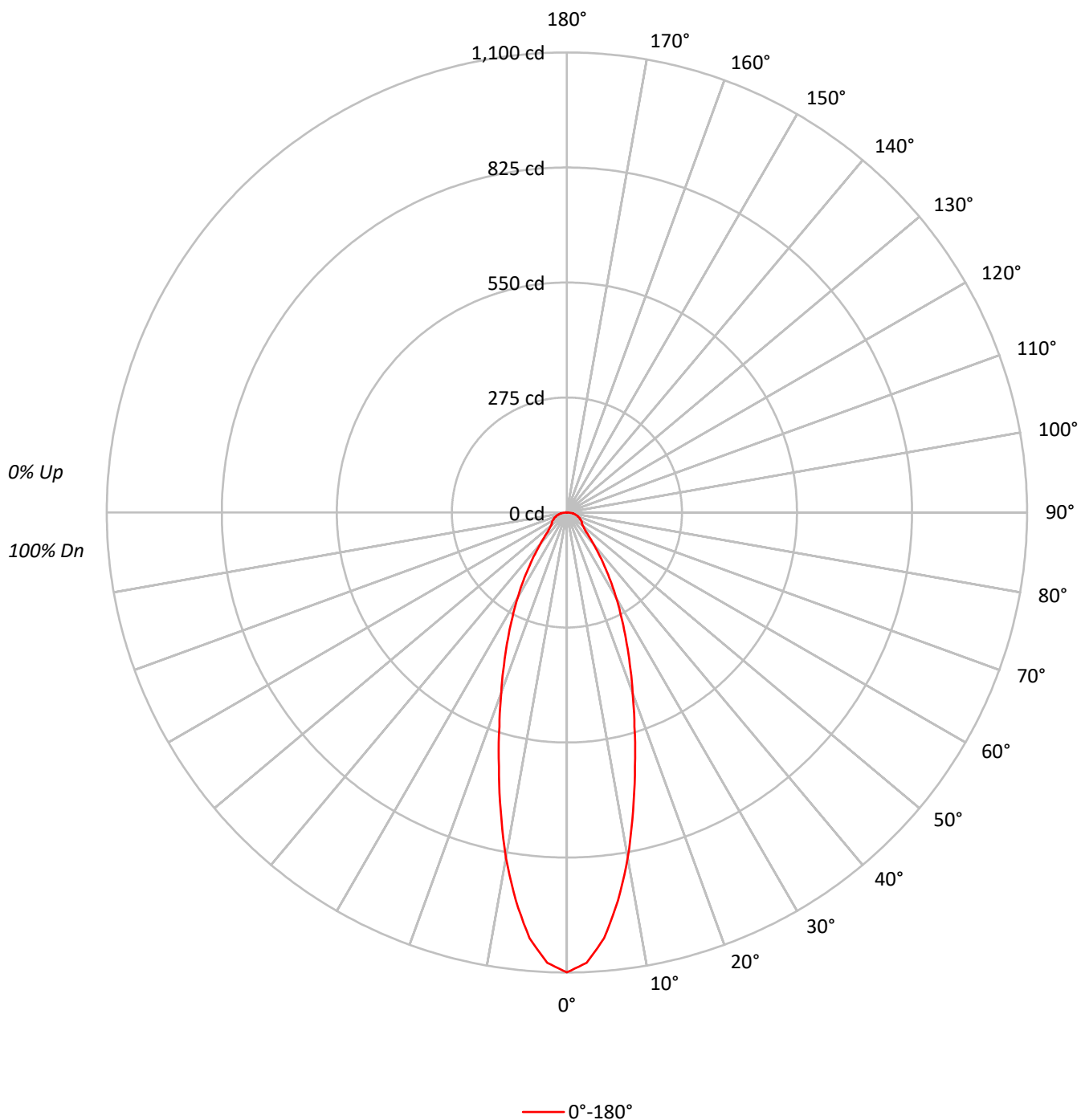
Lumens per Lamp: N/A
Luminaire Lumens: 678.0 lumens
Efficiency: N/A
Efficacy: 32.0 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	241099
5°	224895
10°	186614
15°	142702
20°	107109
25°	80618
30°	59629
35°	41653
40°	28568
45°	19816
50°	17023
55°	16783
60°	17499
65°	17589
70°	17888
75°	18639
80°	20205
85°	20128

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 23520 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.5	13.5
10°-20°	174.8	25.8
20°-30°	153.8	22.7
30°-40°	99.2	14.6
40°-50°	52.6	7.8
50°-60°	39.5	5.8
60°-70°	33.6	5.0
70°-80°	23.7	3.5
80°-90°	9.3	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°	420.1	62.0
0°-40°	519.3	76.6
0°-60°	611.5	90.2
0°-90°	678.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	678.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1100	
5°	1022	92
15°	629	175
25°	333	154
35°	156	99
45°	64	53
55°	44	40
65°	34	34
75°	22	24
85°	8	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1099.5
2.5°	1077.6
5°	1021.7
7.5°	935.9
10°	838.1
12.5°	730.4
15°	628.6
17.5°	536.8
20°	459.0
22.5°	393.1
25°	333.2
27.5°	281.4
30°	235.5
32.5°	193.6
35°	155.6
37.5°	125.7
40°	99.8
42.5°	79.8
45°	63.9
47.5°	55.9
50°	49.9
52.5°	45.9
55°	43.9
57.5°	41.9
60°	39.9
62.5°	35.9
65°	33.9
67.5°	31.9
70°	27.9
72.5°	25.9
75°	22.0
77.5°	20.0
80°	16.0
82.5°	14.0
85°	8.0
87.5°	4.0
90°	0.0

(END OF REPORT)