

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: P1260648

Luminaire Tested: P3AS20R209050D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260648
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: P3AS20R209050D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

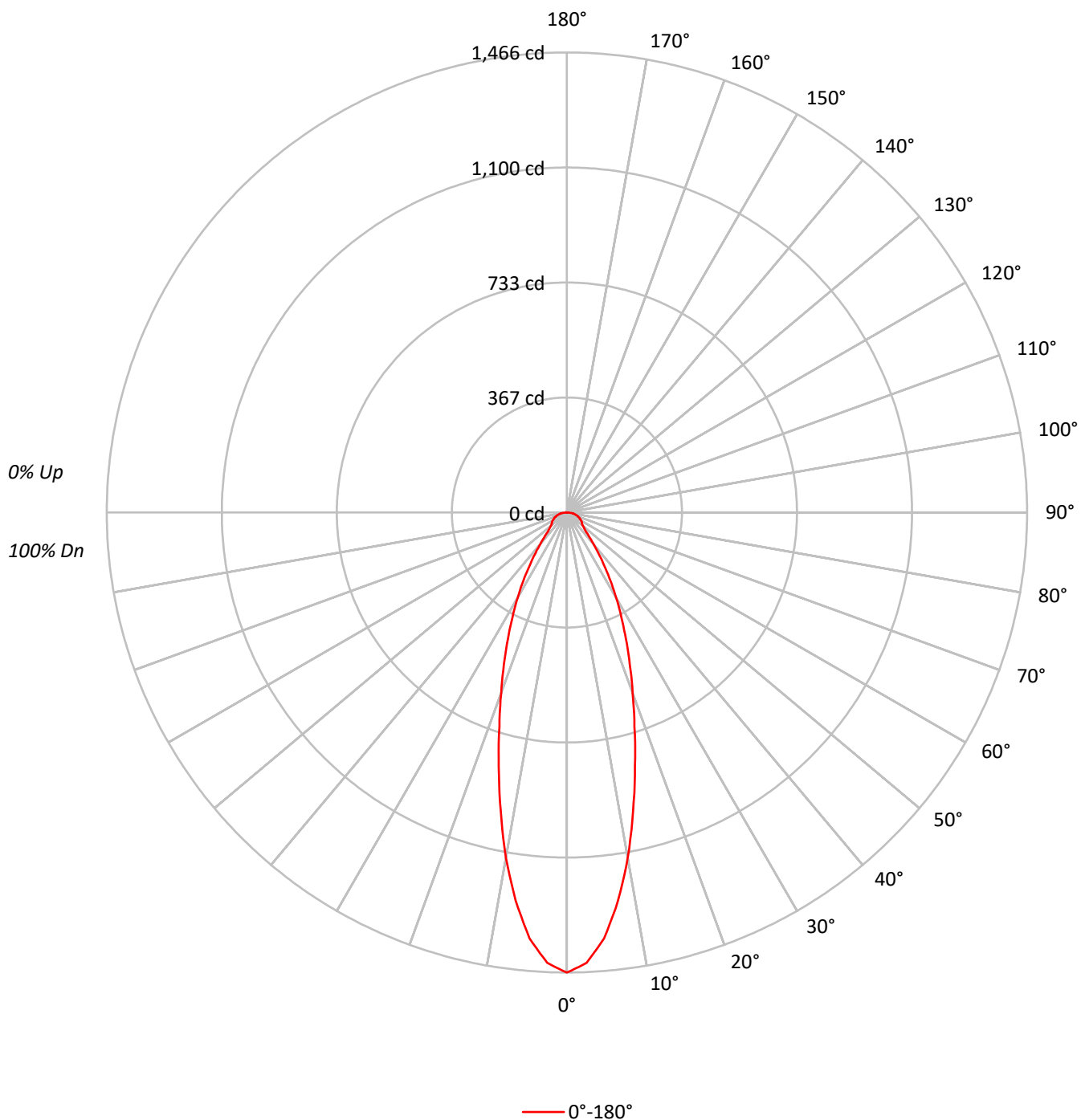
Lumens per Lamp: N/A
Luminaire Lumens: 904.0 lumens
Efficiency: N/A
Efficacy: 31.4 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	321465
5°	299867
10°	248826
15°	190262
20°	142812
25°	107498
30°	79506
35°	55546
40°	38071
45°	26390
50°	22686
55°	22365
60°	23331
65°	23453
70°	23850
75°	24824
80°	26897
85°	26669

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 31248 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.0	13.5
10°-20°	233.0	25.8
20°-30°	205.0	22.7
30°-40°	132.3	14.6
40°-50°	70.1	7.8
50°-60°	52.7	5.8
60°-70°	44.8	5.0
70°-80°	31.6	3.5
80°-90°	12.3	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°	560.1	62.0
0°-40°	692.4	76.6
0°-60°	815.3	90.2
0°-90°	904.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	904.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1466	
5°	1362	122
15°	838	233
25°	444	205
35°	208	132
45°	85	70
55°	58	53
65°	45	45
75°	29	32
85°	11	12
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1466.0
2.5°	1436.8
5°	1362.3
7.5°	1247.9
10°	1117.5
12.5°	973.8
15°	838.1
17.5°	715.7
20°	612.0
22.5°	524.2
25°	444.3
27.5°	375.2
30°	314.0
32.5°	258.1
35°	207.5
37.5°	167.6
40°	133.0
42.5°	106.4
45°	85.1
47.5°	74.5
50°	66.5
52.5°	61.2
55°	58.5
57.5°	55.9
60°	53.2
62.5°	47.9
65°	45.2
67.5°	42.6
70°	37.2
72.5°	34.6
75°	29.3
77.5°	26.6
80°	21.3
82.5°	18.6
85°	10.6
87.5°	5.3
90°	0.0

(END OF REPORT)