

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: P1256457

Luminaire Tested: P3AS05R109040DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256457
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R109040DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

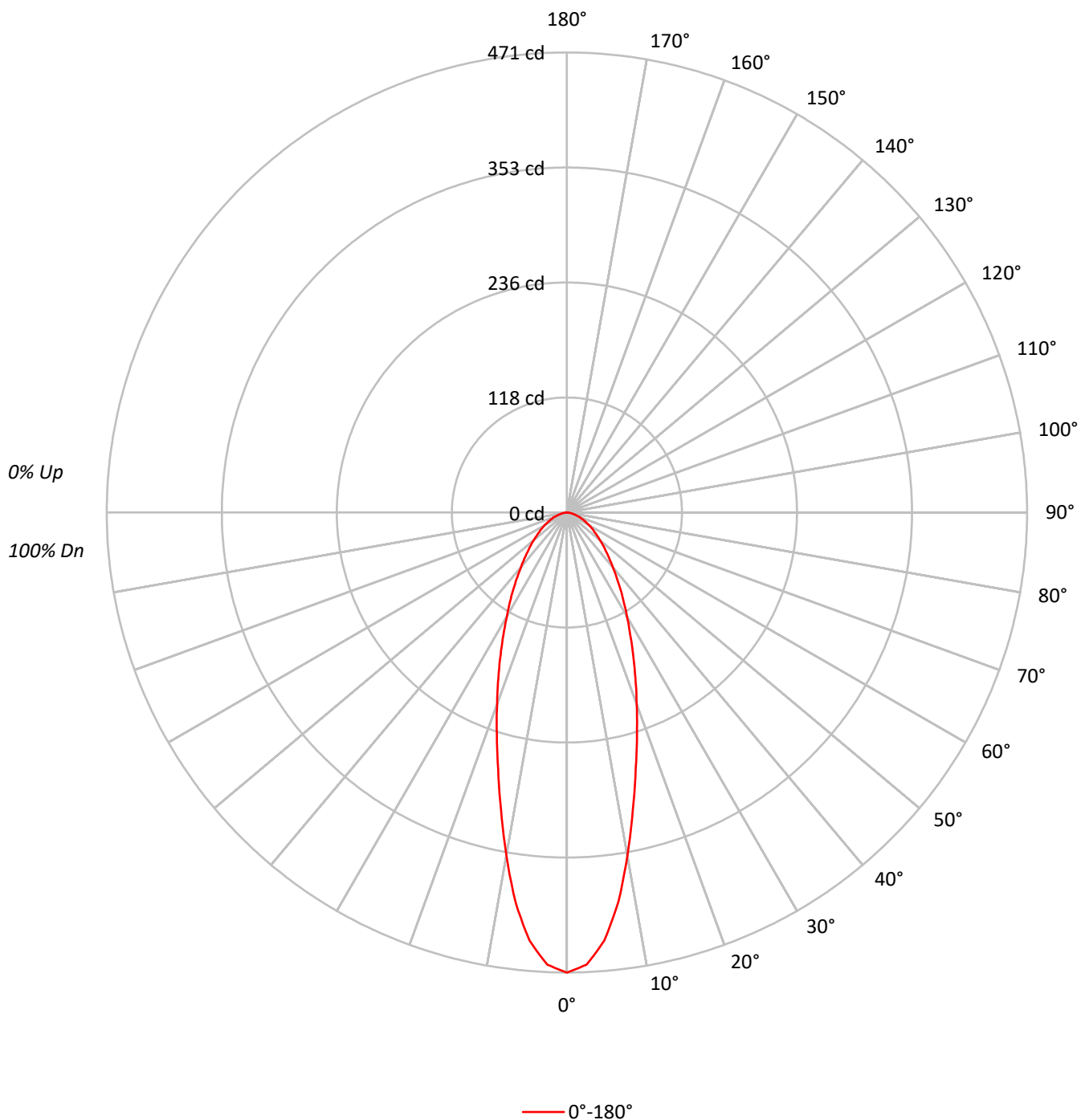
Lumens per Lamp: N/A
Luminaire Lumens: 355.0 lumens
Efficiency: N/A
Efficacy: 44.9 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	83	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	46	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	103303
5°	96852
10°	79402
15°	61703
20°	48701
25°	38809
30°	31144
35°	25431
40°	20954
45°	17614
50°	15147
55°	13113
60°	11622
65°	10118
70°	8976
75°	7286
80°	5935
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17614 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.3	11.1
10°-20°	76.1	21.4
20°-30°	74.0	20.8
30°-40°	59.8	16.8
40°-50°	44.4	12.5
50°-60°	31.0	8.7
60°-70°	19.5	5.5
70°-80°	9.2	2.6
80°-90°	1.7	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°	189.4	53.4
0°-40°	249.2	70.2
0°-60°	324.6	91.4
0°-90°	355.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	355.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	471	
5°	440	39
15°	272	76
25°	160	74
35°	95	60
45°	57	44
55°	34	31
65°	20	19
75°	9	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	471.1
2.5°	463.3
5°	440.0
7.5°	402.6
10°	356.6
12.5°	311.5
15°	271.8
17.5°	238.3
20°	208.7
22.5°	183.0
25°	160.4
27.5°	140.2
30°	123.0
32.5°	108.2
35°	95.0
37.5°	83.3
40°	73.2
42.5°	64.6
45°	56.8
47.5°	50.6
50°	44.4
52.5°	38.9
55°	34.3
57.5°	30.4
60°	26.5
62.5°	22.6
65°	19.5
67.5°	16.4
70°	14.0
72.5°	10.9
75°	8.6
77.5°	6.2
80°	4.7
82.5°	2.3
85°	1.6
87.5°	0.0
90°	0.0

(END OF REPORT)