

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: P1251043

Luminaire Tested: P3AS05R109030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251043
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: P3AS05R109030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

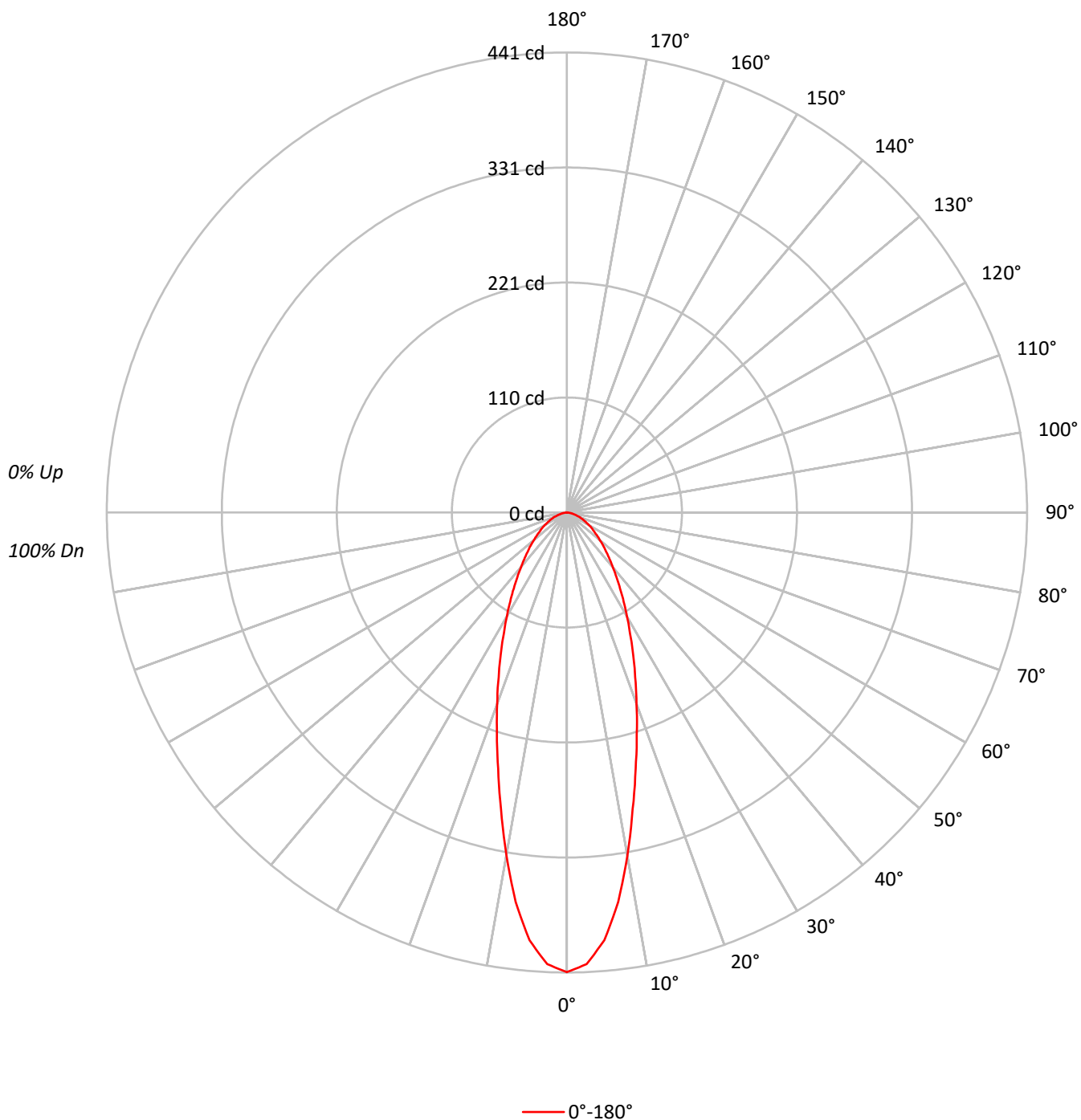
Lumens per Lamp: N/A
Luminaire Lumens: 332.0 lumens
Efficiency: N/A
Efficacy: 42.0 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	84	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	71	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	47	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°	96615
5°	90579
10°	74258
15°	57707
20°	45551
25°	36292
30°	29144
35°	23771
40°	19608
45°	16498
50°	14157
55°	12234
60°	10876
65°	9443
70°	8399
75°	6778
80°	5556
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16498 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.7	11.1
10°-20°	71.2	21.4
20°-30°	69.2	20.8
30°-40°	55.9	16.8
40°-50°	41.5	12.5
50°-60°	29.0	8.7
60°-70°	18.2	5.5
70°-80°	8.6	2.6
80°-90°	1.6	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°	177.1	53.4
0°-40°	233.1	70.2
0°-60°	303.6	91.4
0°-90°	332.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	332.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	441	
5°	412	37
15°	254	71
25°	150	69
35°	89	56
45°	53	42
55°	32	29
65°	18	18
75°	8	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	440.6
2.5°	433.3
5°	411.5
7.5°	376.5
10°	333.5
12.5°	291.3
15°	254.2
17.5°	222.8
20°	195.2
22.5°	171.1
25°	150.0
27.5°	131.1
30°	115.1
32.5°	101.2
35°	88.8
37.5°	77.9
40°	68.5
42.5°	60.4
45°	53.2
47.5°	47.3
50°	41.5
52.5°	36.4
55°	32.0
57.5°	28.4
60°	24.8
62.5°	21.1
65°	18.2
67.5°	15.3
70°	13.1
72.5°	10.2
75°	8.0
77.5°	5.8
80°	4.4
82.5°	2.2
85°	1.5
87.5°	0.0
90°	0.0

(END OF REPORT)