

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: P1256488

Luminaire Tested: P3AS05R129040DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256488
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: P3AS05R129040DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

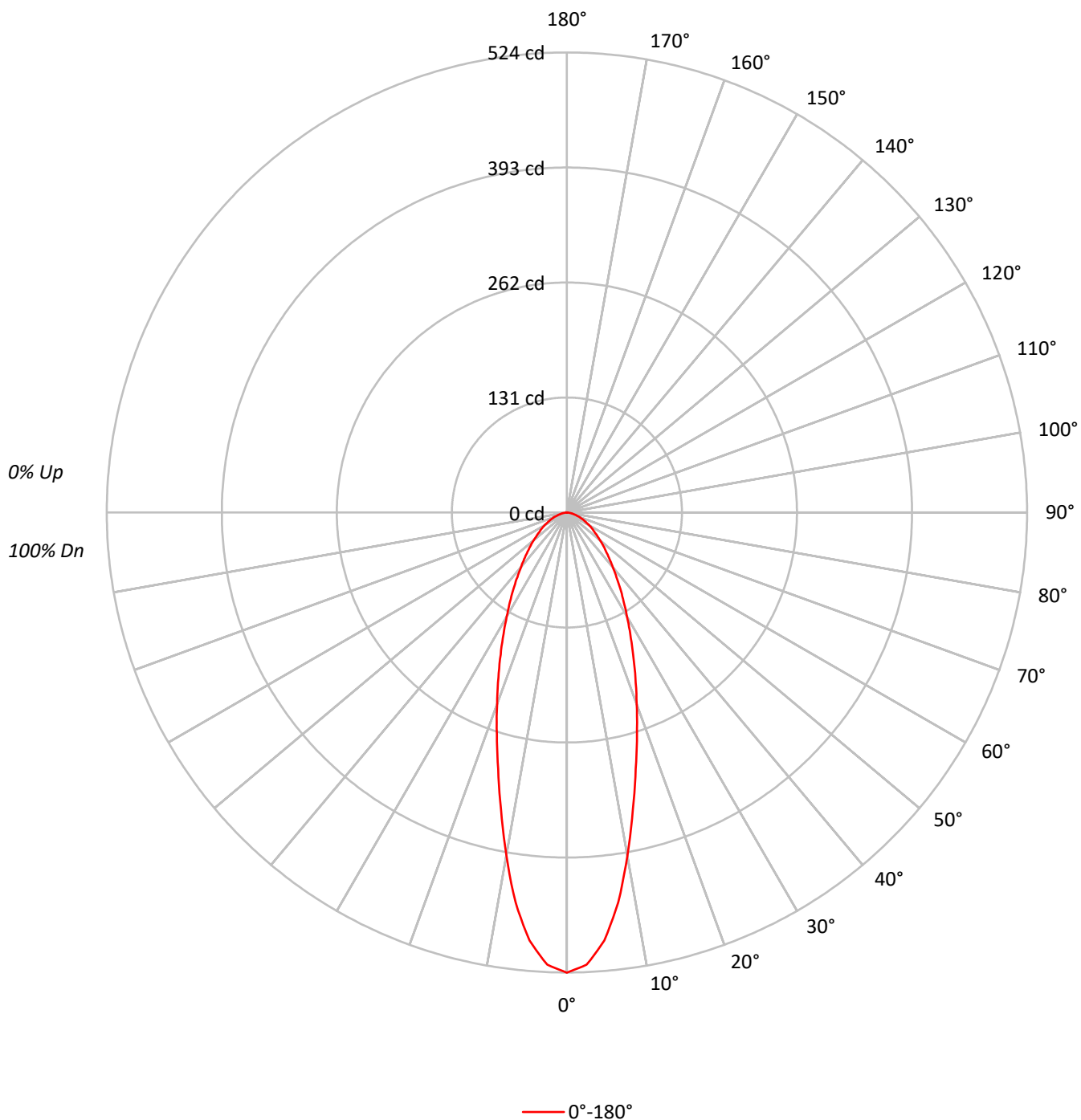
Lumens per Lamp: N/A
Luminaire Lumens: 395.0 lumens
Efficiency: N/A
Efficacy: 52.0 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.6
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°	114947
5°	107748
10°	88353
15°	68650
20°	54185
25°	43188
30°	34664
35°	28295
40°	23301
45°	19630
50°	16852
55°	14566
60°	12938
65°	11259
70°	10002
75°	8049
80°	6566
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19630 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.7	11.1
10°-20°	84.7	21.4
20°-30°	82.3	20.8
30°-40°	66.5	16.8
40°-50°	49.4	12.5
50°-60°	34.5	8.7
60°-70°	21.6	5.5
70°-80°	10.2	2.6
80°-90°	1.9	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°	210.8	53.4
0°-40°	277.3	70.2
0°-60°	361.2	91.5
0°-90°	395.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	395.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	524	
5°	490	44
15°	302	85
25°	178	82
35°	106	67
45°	63	49
55°	38	35
65°	22	22
75°	10	10
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	524.2
2.5°	515.5
5°	489.5
7.5°	448.0
10°	396.8
12.5°	346.6
15°	302.4
17.5°	265.1
20°	232.2
22.5°	203.6
25°	178.5
27.5°	156.0
30°	136.9
32.5°	120.4
35°	105.7
37.5°	92.7
40°	81.4
42.5°	71.9
45°	63.3
47.5°	56.3
50°	49.4
52.5°	43.3
55°	38.1
57.5°	33.8
60°	29.5
62.5°	25.1
65°	21.7
67.5°	18.2
70°	15.6
72.5°	12.1
75°	9.5
77.5°	6.9
80°	5.2
82.5°	2.6
85°	1.7
87.5°	0.0
90°	0.0

(END OF REPORT)