

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: P1251826

Luminaire Tested: P3AS10R129030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251826
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: P3AS10R129030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

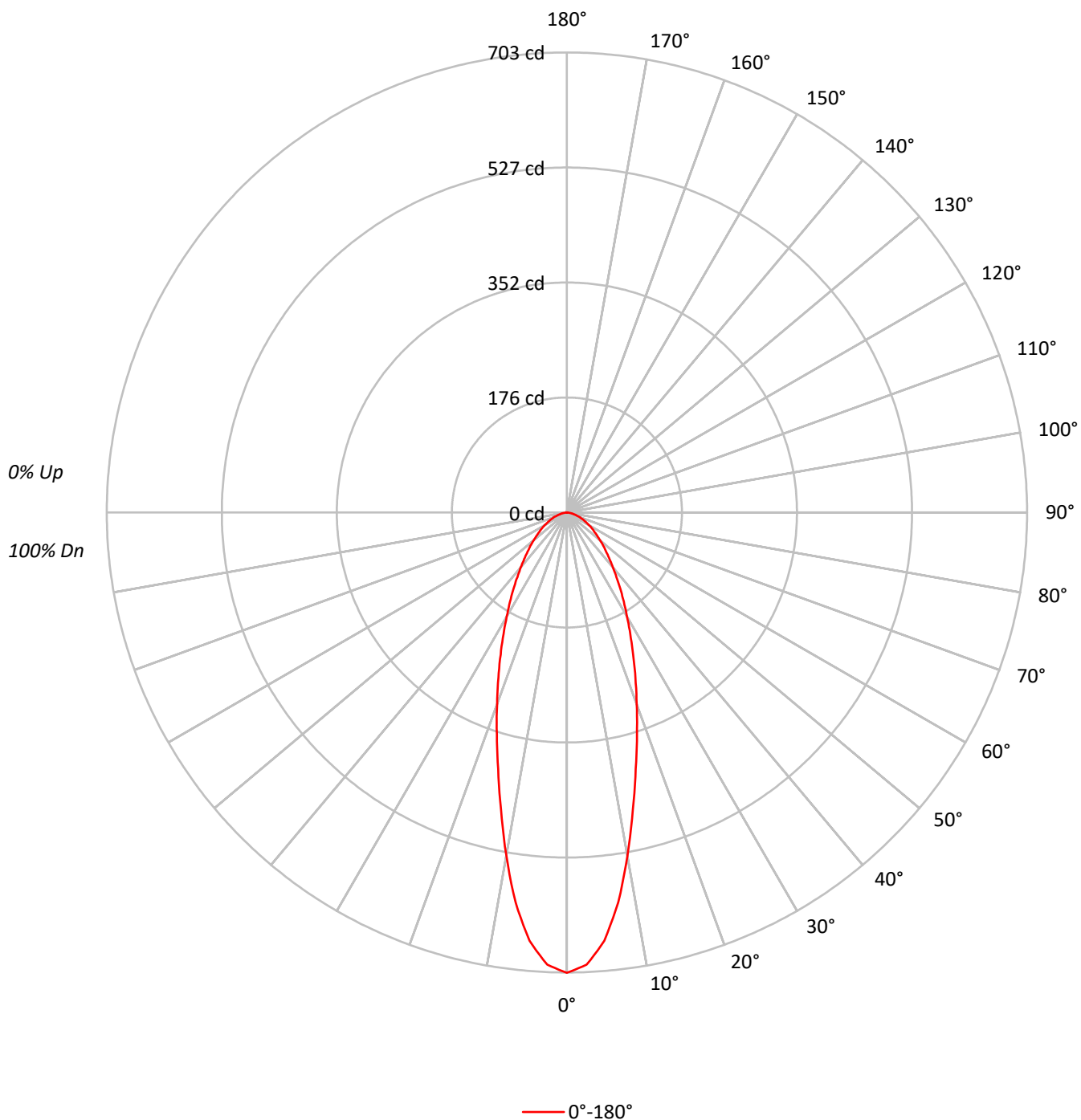
Lumens per Lamp: N/A
Luminaire Lumens: 530.0 lumens
Efficiency: N/A
Efficacy: 45.3 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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°	154242
5°	144596
10°	118568
15°	92100
20°	72713
25°	57947
30°	46513
35°	37959
40°	31287
45°	26328
50°	22618
55°	19574
60°	17323
65°	15099
70°	13400
75°	10845
80°	8840
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26328 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.7	11.1
10°-20°	113.6	21.4
20°-30°	110.5	20.8
30°-40°	89.3	16.8
40°-50°	66.3	12.5
50°-60°	46.3	8.7
60°-70°	29.0	5.5
70°-80°	13.8	2.6
80°-90°	2.5	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°	282.8	53.4
0°-40°	372.1	70.2
0°-60°	484.7	91.4
0°-90°	530.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	530.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	703	
5°	657	59
15°	406	114
25°	240	110
35°	142	89
45°	85	66
55°	51	46
65°	29	29
75°	13	14
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	703.4
2.5°	691.7
5°	656.9
7.5°	601.0
10°	532.5
12.5°	465.0
15°	405.7
17.5°	355.7
20°	311.6
22.5°	273.2
25°	239.5
27.5°	209.3
30°	183.7
32.5°	161.6
35°	141.8
37.5°	124.4
40°	109.3
42.5°	96.5
45°	84.9
47.5°	75.6
50°	66.3
52.5°	58.1
55°	51.2
57.5°	45.3
60°	39.5
62.5°	33.7
65°	29.1
67.5°	24.4
70°	20.9
72.5°	16.3
75°	12.8
77.5°	9.3
80°	7.0
82.5°	3.5
85°	2.3
87.5°	0.0
90°	0.0

(END OF REPORT)