

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: P1251857

Luminaire Tested: P3AS13R129030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251857
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: P3AS13R129030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

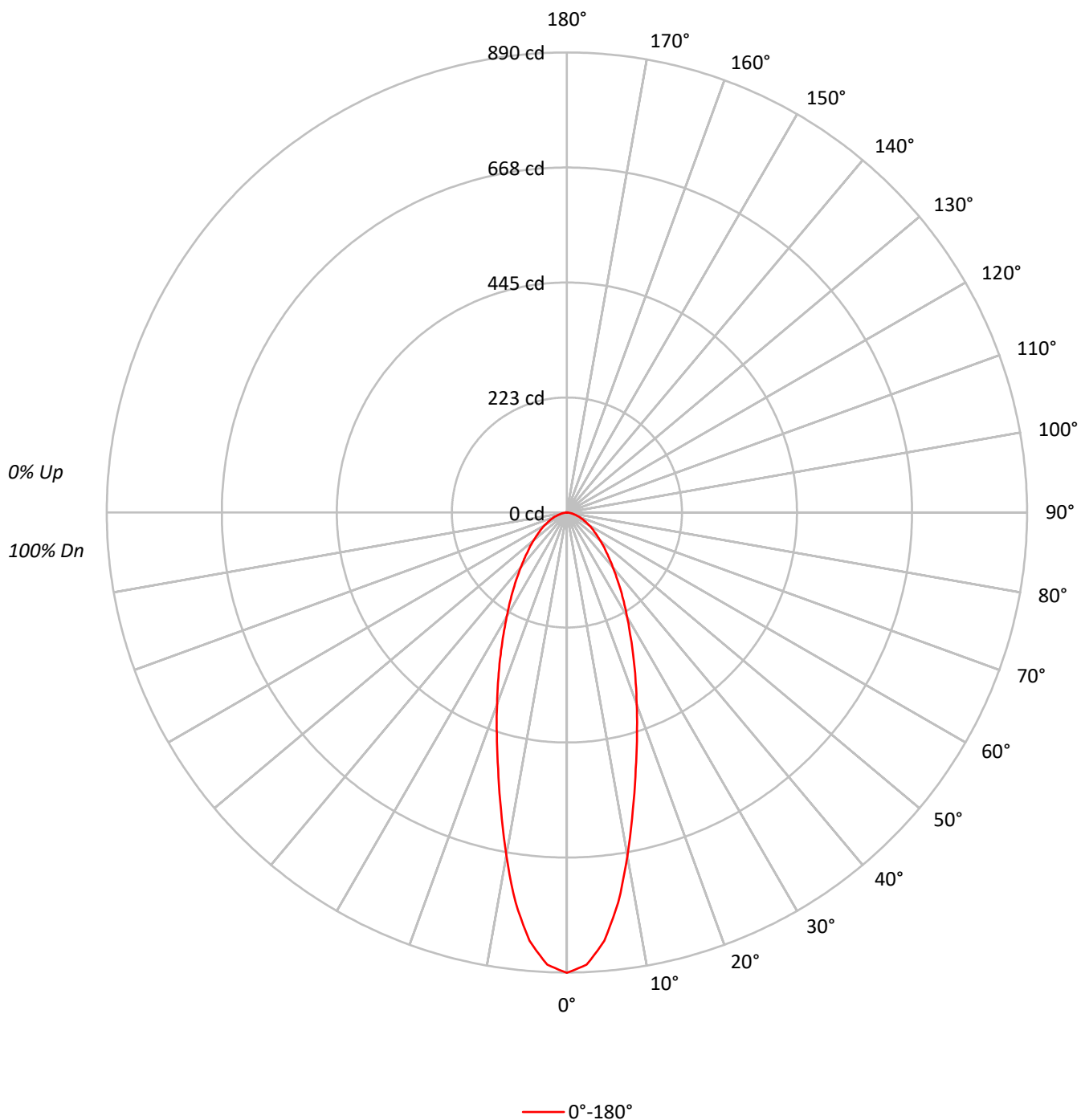
Lumens per Lamp: N/A
Luminaire Lumens: 671.0 lumens
Efficiency: N/A
Efficacy: 43.3 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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°	195269
5°	183050
10°	150097
15°	116618
20°	92058
25°	73359
30°	58895
35°	48078
40°	39617
45°	33306
50°	28622
55°	24773
60°	21928
65°	19094
70°	16990
75°	13725
80°	11113
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33306 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.3	11.1
10°-20°	143.9	21.4
20°-30°	139.9	20.8
30°-40°	113.1	16.8
40°-50°	83.9	12.5
50°-60°	58.6	8.7
60°-70°	36.7	5.5
70°-80°	17.5	2.6
80°-90°	3.2	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°	358.0	53.4
0°-40°	471.1	70.2
0°-60°	613.6	91.5
0°-90°	671.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	671.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	890	
5°	832	74
15°	514	144
25°	303	140
35°	180	113
45°	107	84
55°	65	59
65°	37	37
75°	16	17
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	890.5
2.5°	875.8
5°	831.6
7.5°	760.9
10°	674.1
12.5°	588.7
15°	513.7
17.5°	450.4
20°	394.5
22.5°	345.9
25°	303.2
27.5°	264.9
30°	232.6
32.5°	204.6
35°	179.6
37.5°	157.5
40°	138.4
42.5°	122.2
45°	107.4
47.5°	95.7
50°	83.9
52.5°	73.6
55°	64.8
57.5°	57.4
60°	50.0
62.5°	42.7
65°	36.8
67.5°	30.9
70°	26.5
72.5°	20.6
75°	16.2
77.5°	11.8
80°	8.8
82.5°	4.4
85°	2.9
87.5°	0.0
90°	0.0

(END OF REPORT)