

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: P1250248

Luminaire Tested: P3AS24R159027D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250248
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: P3AS24R159027D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

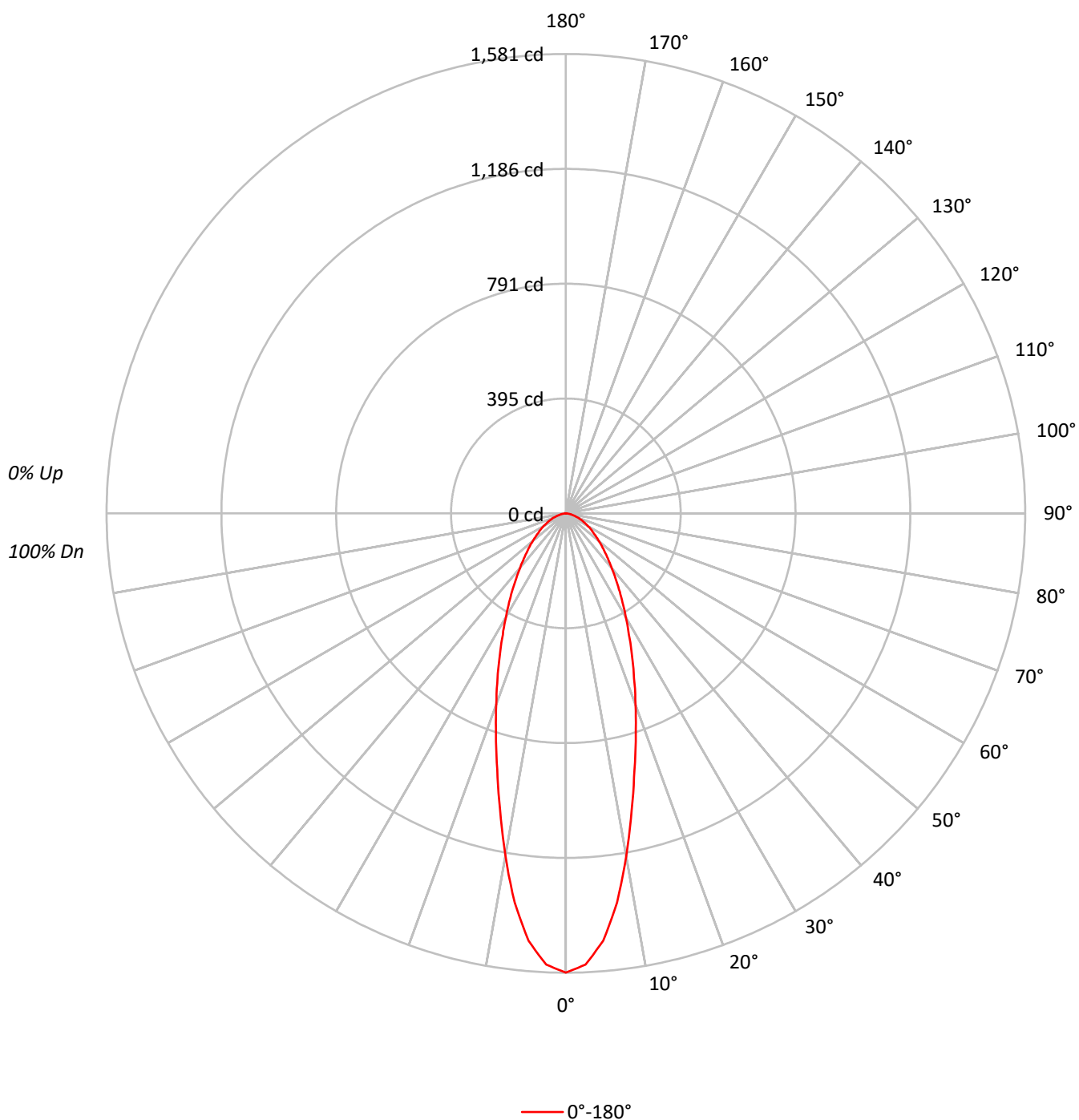
Lumens per Lamp: N/A
Luminaire Lumens: 1190.9 lumens
Efficiency: N/A
Efficacy: 41.4 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	346595
5°	324917
10°	266417
15°	206993
20°	163371
25°	130217
30°	104522
35°	85314
40°	70303
45°	59138
50°	50796
55°	43927
60°	38944
65°	33882
70°	30133
75°	24316
80°	19826
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 59138 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.8	11.1
10°-20°	255.4	21.4
20°-30°	248.2	20.8
30°-40°	200.6	16.8
40°-50°	149.0	12.5
50°-60°	104.1	8.7
60°-70°	65.2	5.5
70°-80°	31.0	2.6
80°-90°	5.7	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°	635.4	53.4
0°-40°	836.1	70.2
0°-60°	1089.1	91.4
0°-90°	1190.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1190.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1581	
5°	1476	132
15°	912	255
25°	538	248
35°	319	201
45°	191	149
55°	115	104
65°	65	65
75°	29	31
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1580.6
2.5°	1554.4
5°	1476.1
7.5°	1350.7
10°	1196.5
12.5°	1045.0
15°	911.8
17.5°	799.4
20°	700.1
22.5°	613.9
25°	538.2
27.5°	470.2
30°	412.8
32.5°	363.1
35°	318.7
37.5°	279.5
40°	245.6
42.5°	216.8
45°	190.7
47.5°	169.8
50°	148.9
52.5°	130.6
55°	114.9
57.5°	101.9
60°	88.8
62.5°	75.8
65°	65.3
67.5°	54.9
70°	47.0
72.5°	36.6
75°	28.7
77.5°	20.9
80°	15.7
82.5°	7.8
85°	5.2
87.5°	0.0
90°	0.0

(END OF REPORT)