

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: P1252955

Luminaire Tested: P3AS24R159030D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252955
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: P3AS24R159030D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

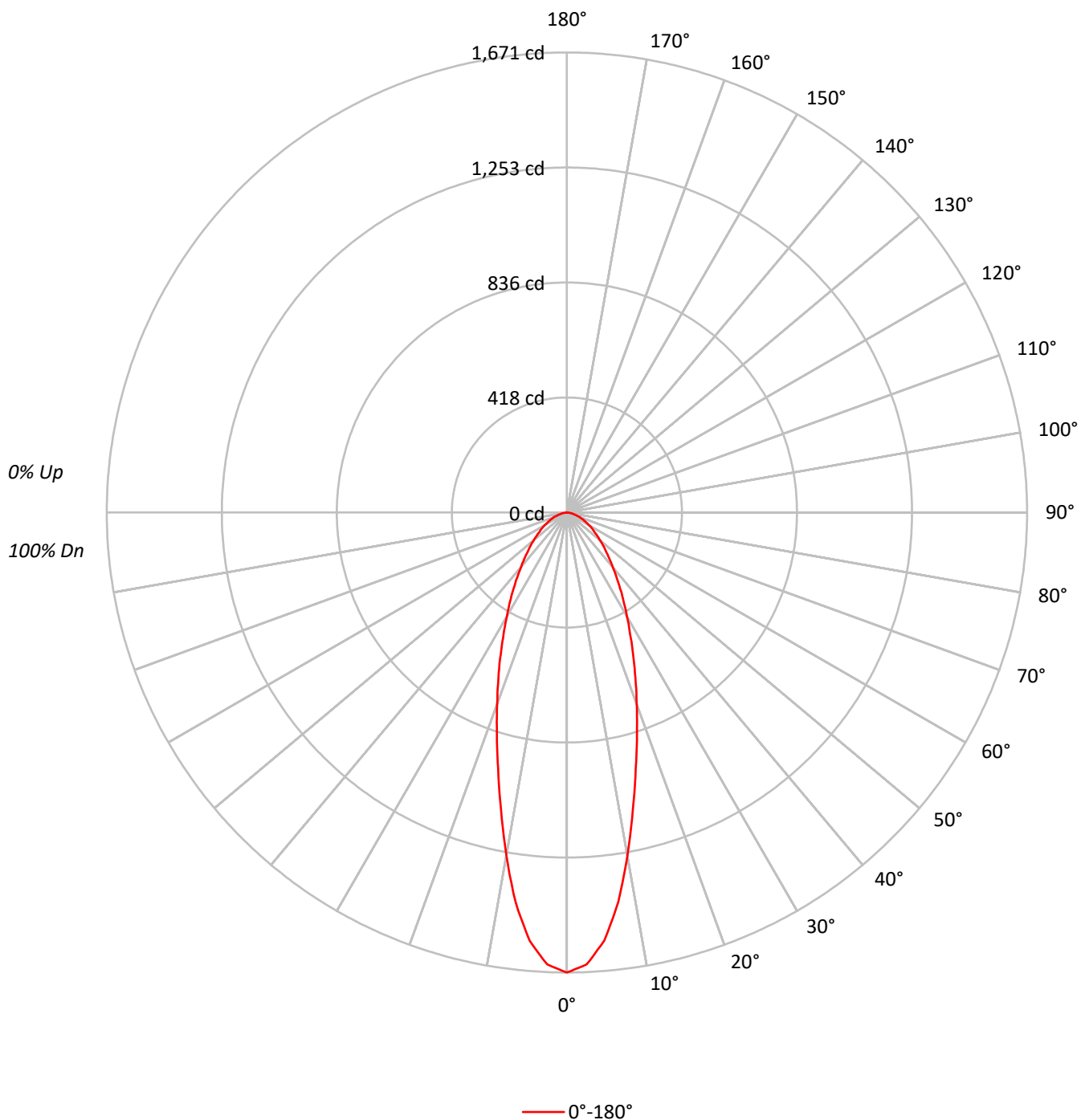
Lumens per Lamp: N/A
Luminaire Lumens: 1259.0 lumens
Efficiency: N/A
Efficacy: 43.7 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	366374
5°	343451
10°	281625
15°	218798
20°	172705
25°	137645
30°	110473
35°	90186
40°	74311
45°	62518
50°	53695
55°	46450
60°	41181
65°	35801
70°	31864
75°	25756
80°	20962
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 62518 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.4	11.1
10°-20°	270.0	21.4
20°-30°	262.4	20.8
30°-40°	212.1	16.8
40°-50°	157.5	12.5
50°-60°	110.0	8.7
60°-70°	68.9	5.5
70°-80°	32.8	2.6
80°-90°	6.0	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°	671.7	53.4
0°-40°	883.8	70.2
0°-60°	1151.3	91.4
0°-90°	1259.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1259.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1671	
5°	1560	139
15°	964	270
25°	569	262
35°	337	212
45°	202	157
55°	122	110
65°	69	69
75°	30	33
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1670.8
2.5°	1643.2
5°	1560.3
7.5°	1427.8
10°	1264.8
12.5°	1104.7
15°	963.8
17.5°	845.1
20°	740.1
22.5°	649.0
25°	568.9
27.5°	497.1
30°	436.3
32.5°	383.9
35°	336.9
37.5°	295.5
40°	259.6
42.5°	229.2
45°	201.6
47.5°	179.5
50°	157.4
52.5°	138.1
55°	121.5
57.5°	107.7
60°	93.9
62.5°	80.1
65°	69.0
67.5°	58.0
70°	49.7
72.5°	38.7
75°	30.4
77.5°	22.1
80°	16.6
82.5°	8.3
85°	5.5
87.5°	0.0
90°	0.0

(END OF REPORT)