

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: P1258427

Luminaire Tested: P3AS24R259040D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258427
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259040D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

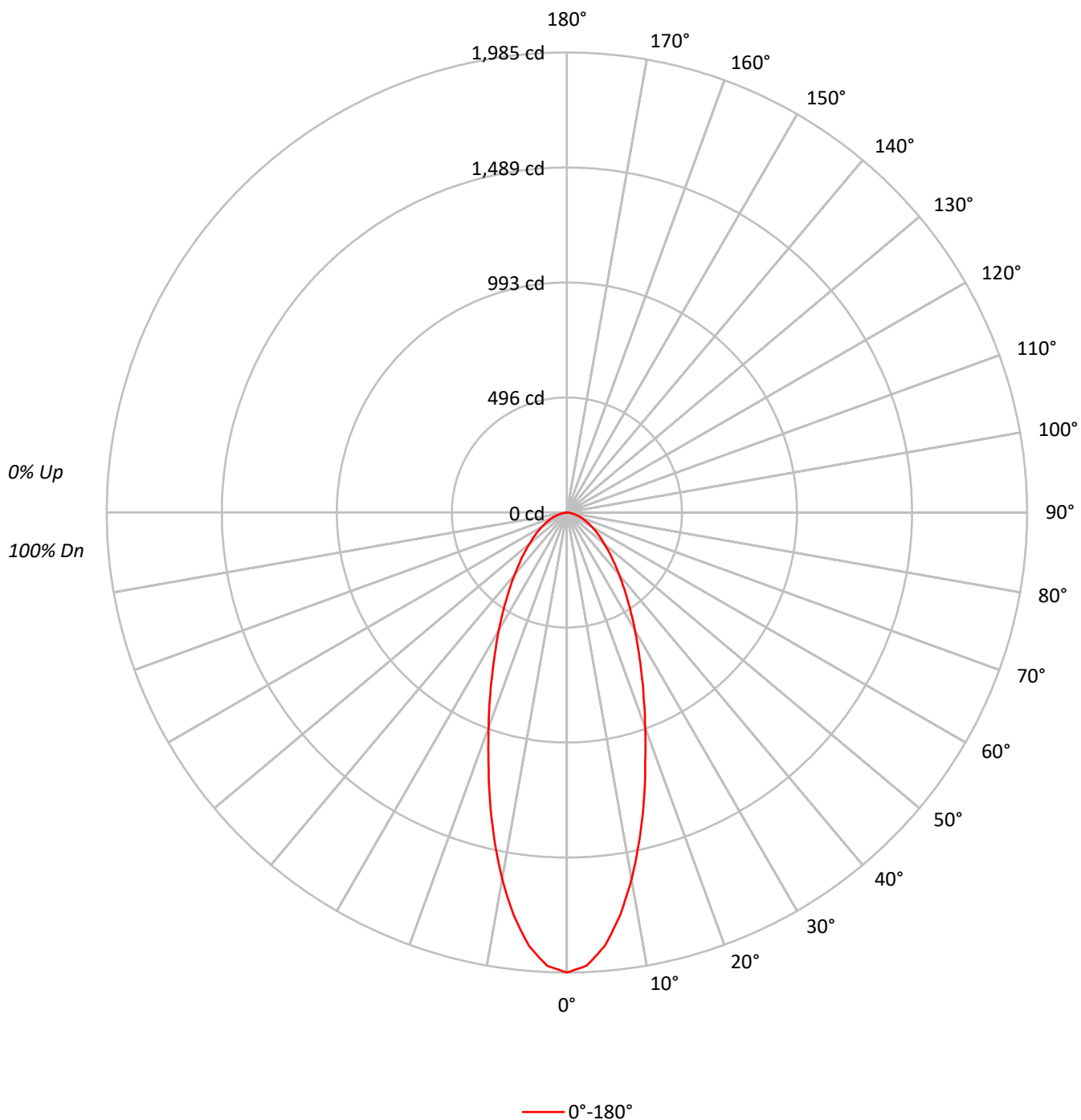
Lumens per Lamp: N/A
Luminaire Lumens: 1668.0 lumens
Efficiency: N/A
Efficacy: 57.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1258427

CATALOG NUMBER: P3AS24R259040D010 E3PHLD1MW

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	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	435206
5°	413118
10°	357820
15°	291307
20°	230180
25°	183519
30°	148782
35°	121184
40°	100417
45°	84598
50°	71605
55°	63042
60°	55215
65°	48202
70°	42315
75°	35584
80°	26519
85°	15096

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 84598 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.4	10.2
10°-20°	355.8	21.3
20°-30°	350.7	21.0
30°-40°	285.5	17.1
40°-50°	211.8	12.7
50°-60°	147.9	8.9
60°-70°	92.6	5.6
70°-80°	44.6	2.7
80°-90°	8.6	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°	877.0	52.6
0°-40°	1162.5	69.7
0°-60°	1522.2	91.3
0°-90°	1668.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1668.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1985	
5°	1877	170
15°	1283	356
25°	758	351
35°	453	286
45°	273	212
55°	165	148
65°	93	93
75°	42	45
85°	6	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1984.7
2.5°	1957.8
5°	1876.8
7.5°	1753.9
10°	1607.0
12.5°	1445.1
15°	1283.2
17.5°	1124.3
20°	986.4
22.5°	866.5
25°	758.5
27.5°	665.6
30°	587.6
32.5°	515.7
35°	452.7
37.5°	398.7
40°	350.8
42.5°	308.8
45°	272.8
47.5°	239.8
50°	209.9
52.5°	185.9
55°	164.9
57.5°	143.9
60°	125.9
62.5°	107.9
65°	92.9
67.5°	78.0
70°	66.0
72.5°	54.0
75°	42.0
77.5°	30.0
80°	21.0
82.5°	12.0
85°	6.0
87.5°	3.0
90°	0.0

(END OF REPORT)