

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: P1258459

Luminaire Tested: P3AS24R309040D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258459
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309040D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

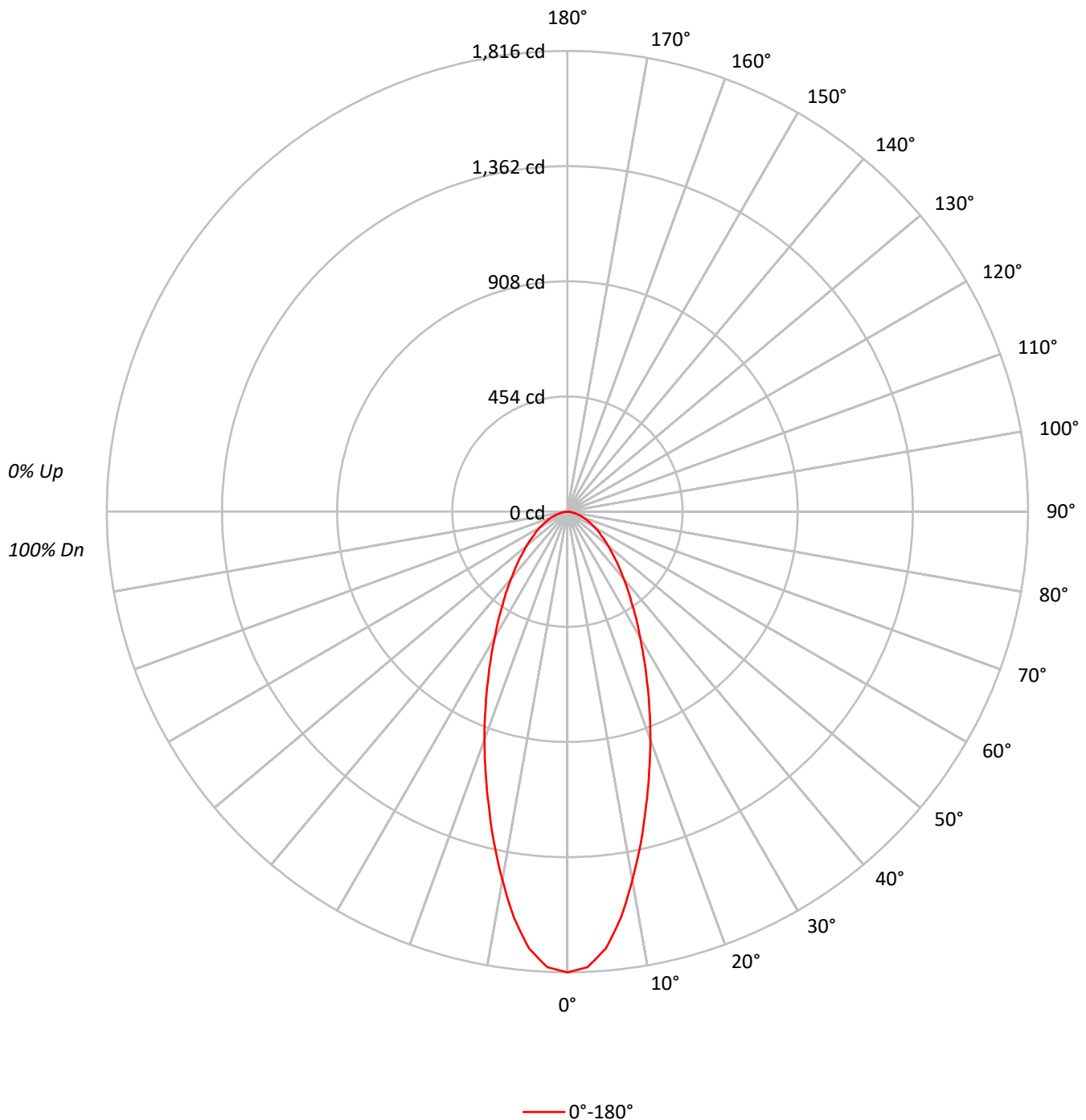
Lumens per Lamp: N/A
Luminaire Lumens: 1616.0 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100	102	99	97		98	96	94		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	398214
5°	380607
10°	328273
15°	272124
20°	223063
25°	179817
30°	144934
35°	118722
40°	98642
45°	83637
50°	71571
55°	61857
60°	55215
65°	48202
70°	42251
75°	35584
80°	26519
85°	15096

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 83637 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.7	9.7
10°-20°	334.3	20.7
20°-30°	342.6	21.2
30°-40°	280.1	17.3
40°-50°	209.5	13.0
50°-60°	147.1	9.1
60°-70°	92.6	5.7
70°-80°	44.6	2.8
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°	833.6	51.6
0°-40°	1113.7	68.9
0°-60°	1470.3	91.0
0°-90°	1616.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1616.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1816	
5°	1729	157
15°	1199	334
25°	743	343
35°	444	280
45°	270	209
55°	162	147
65°	93	93
75°	42	45
85°	6	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1816.0
2.5°	1798.0
5°	1729.1
7.5°	1615.2
10°	1474.3
12.5°	1336.5
15°	1198.7
17.5°	1072.8
20°	955.9
22.5°	845.1
25°	743.2
27.5°	653.3
30°	572.4
32.5°	506.4
35°	443.5
37.5°	392.6
40°	344.6
42.5°	305.7
45°	269.7
47.5°	236.7
50°	209.8
52.5°	185.8
55°	161.8
57.5°	143.8
60°	125.9
62.5°	107.9
65°	92.9
67.5°	77.9
70°	65.9
72.5°	53.9
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)