

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: P1263013

Luminaire Tested: P3AS17R259727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263013
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: P3AS17R259727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

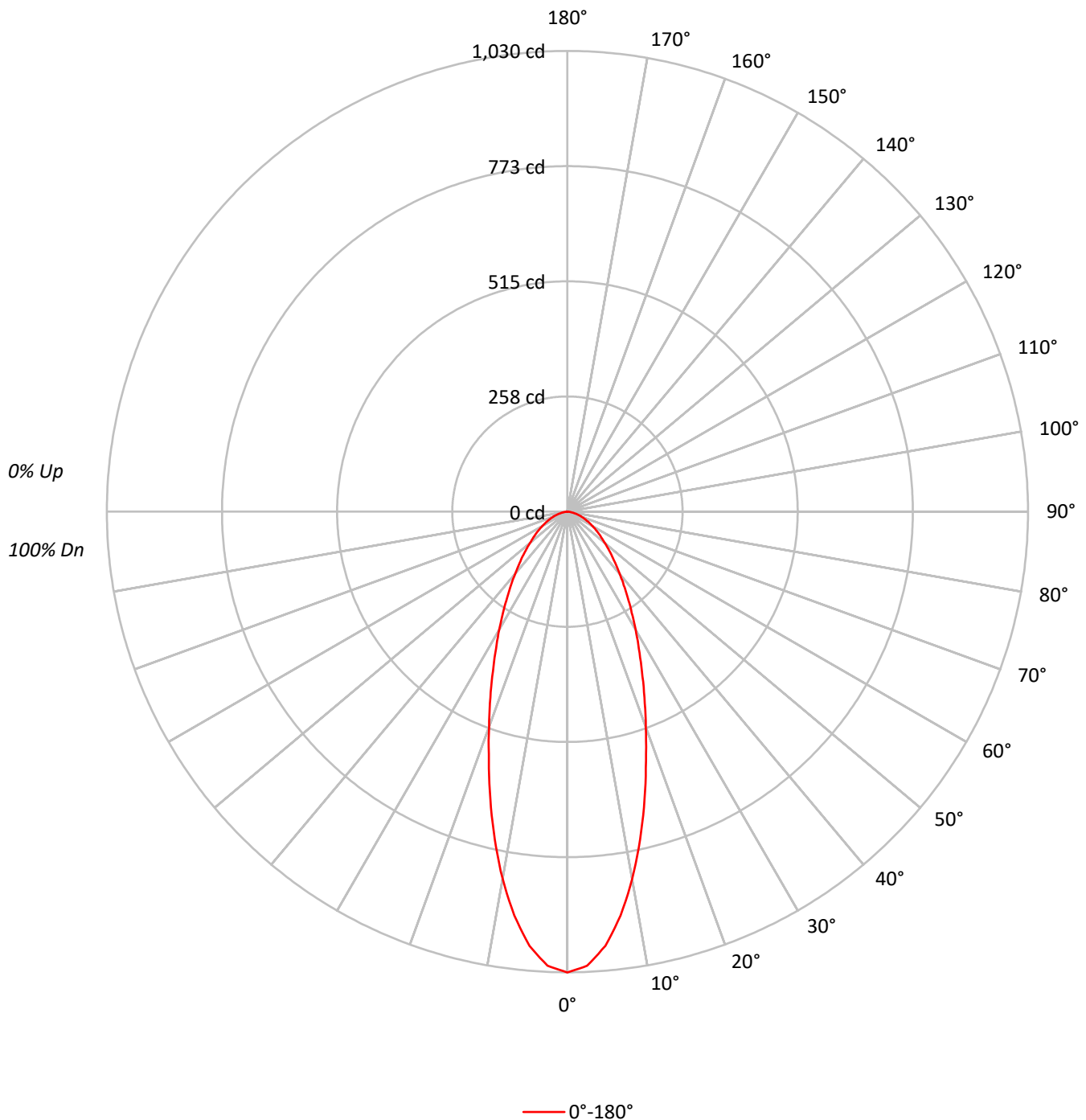
Lumens per Lamp: N/A
Luminaire Lumens: 866.0 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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		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°	225947
5°	214483
10°	185768
15°	151238
20°	119500
25°	95280
30°	77252
35°	62908
40°	52126
45°	43912
50°	37184
55°	32725
60°	28682
65°	25061
70°	21927
75°	18470
80°	13764
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 43912 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.5	10.2
10°-20°	184.7	21.3
20°-30°	182.1	21.0
30°-40°	148.2	17.1
40°-50°	110.0	12.7
50°-60°	76.8	8.9
60°-70°	48.1	5.6
70°-80°	23.2	2.7
80°-90°	4.4	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°	455.3	52.6
0°-40°	603.5	69.7
0°-60°	790.3	91.3
0°-90°	866.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	866.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1030	
5°	974	88
15°	666	185
25°	394	182
35°	235	148
45°	142	110
55°	86	77
65°	48	48
75°	22	23
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1030.4
2.5°	1016.4
5°	974.4
7.5°	910.6
10°	834.3
12.5°	750.3
15°	666.2
17.5°	583.7
20°	512.1
22.5°	449.8
25°	393.8
27.5°	345.6
30°	305.1
32.5°	267.7
35°	235.0
37.5°	207.0
40°	182.1
42.5°	160.3
45°	141.6
47.5°	124.5
50°	109.0
52.5°	96.5
55°	85.6
57.5°	74.7
60°	65.4
62.5°	56.0
65°	48.3
67.5°	40.5
70°	34.2
72.5°	28.0
75°	21.8
77.5°	15.6
80°	10.9
82.5°	6.2
85°	3.1
87.5°	1.6
90°	0.0

(END OF REPORT)