

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: P1257737

Luminaire Tested: P3AS17R259040DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257737
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: P3AS17R259040DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

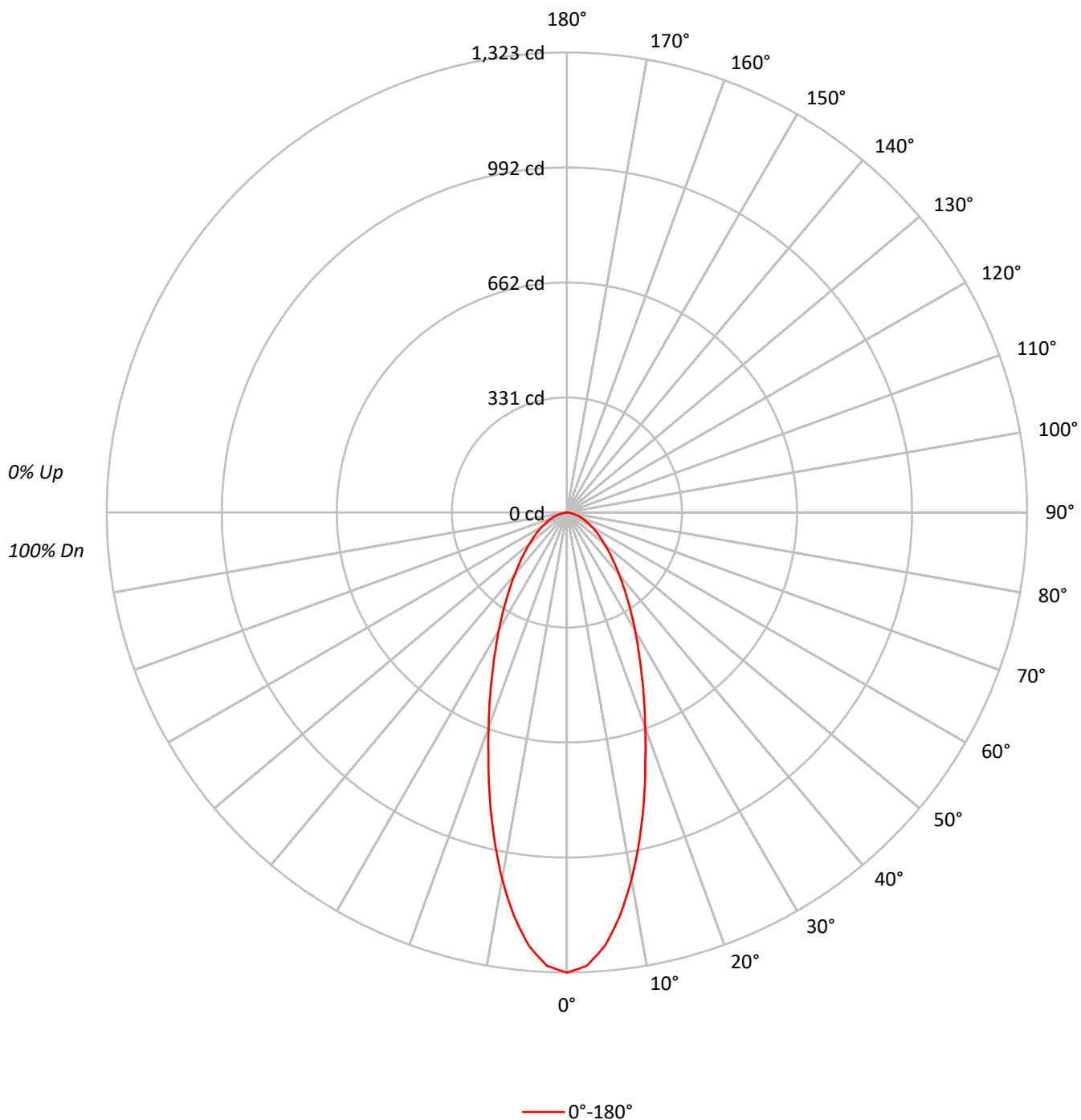
Lumens per Lamp: N/A
Luminaire Lumens: 1112.0 lumens
Efficiency: N/A
Efficacy: 52.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	290152
5°	275412
10°	238539
15°	194212
20°	153453
25°	122354
30°	99205
35°	80790
40°	66954
45°	56409
50°	47726
55°	42015
60°	36795
65°	32169
70°	28210
75°	23723
80°	17679
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 56409 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.6	10.2
10°-20°	237.2	21.3
20°-30°	233.8	21.0
30°-40°	190.3	17.1
40°-50°	141.2	12.7
50°-60°	98.6	8.9
60°-70°	61.8	5.6
70°-80°	29.8	2.7
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°	584.6	52.6
0°-40°	775.0	69.7
0°-60°	1014.8	91.3
0°-90°	1112.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1112.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1323	
5°	1251	114
15°	856	237
25°	506	234
35°	302	190
45°	182	141
55°	110	99
65°	62	62
75°	28	30
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1323.2
2.5°	1305.2
5°	1251.2
7.5°	1169.3
10°	1071.3
12.5°	963.4
15°	855.5
17.5°	749.5
20°	657.6
22.5°	577.6
25°	505.7
27.5°	443.7
30°	391.8
32.5°	343.8
35°	301.8
37.5°	265.8
40°	233.9
42.5°	205.9
45°	181.9
47.5°	159.9
50°	139.9
52.5°	123.9
55°	109.9
57.5°	95.9
60°	83.9
62.5°	72.0
65°	62.0
67.5°	52.0
70°	44.0
72.5°	36.0
75°	28.0
77.5°	20.0
80°	14.0
82.5°	8.0
85°	4.0
87.5°	2.0
90°	0.0

(END OF REPORT)