

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: P1256113

Luminaire Tested: P3AS02R159040DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256113
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: P3AS02R159040DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

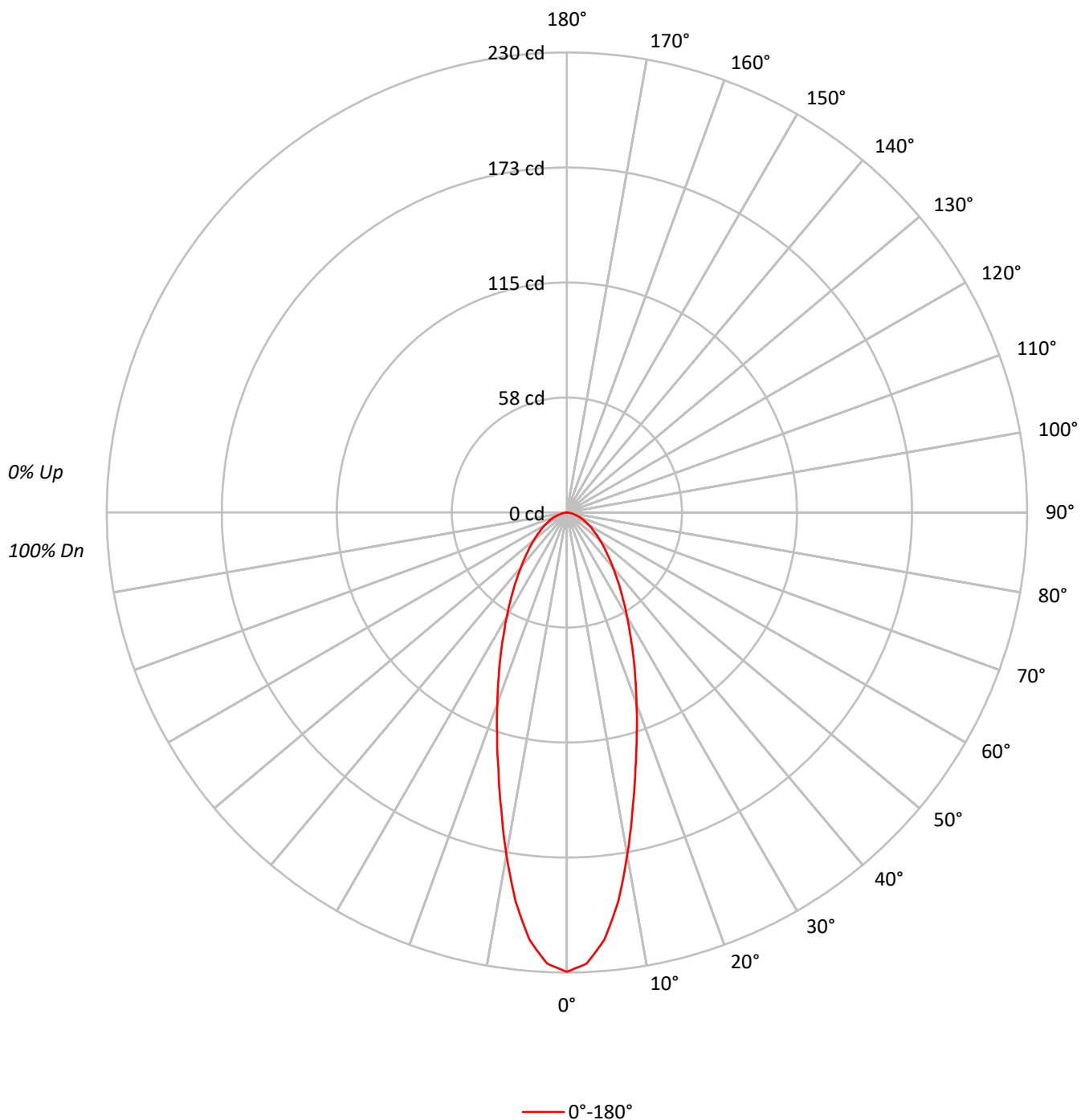
Lumens per Lamp: N/A
Luminaire Lumens: 173.0 lumens
Efficiency: N/A
Efficacy: 48.1 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	70	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	46	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°	50347
5°	47193
10°	38699
15°	30057
20°	23732
25°	18920
30°	15192
35°	12394
40°	10219
45°	8590
50°	7369
55°	6384
60°	5657
65°	4929
70°	4360
75°	3558
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8590 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.1	11.1
10°-20°	37.1	21.4
20°-30°	36.1	20.8
30°-40°	29.1	16.8
40°-50°	21.6	12.5
50°-60°	15.1	8.7
60°-70°	9.5	5.5
70°-80°	4.5	2.6
80°-90°	0.8	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°	92.3	53.4
0°-40°	121.4	70.2
0°-60°	158.2	91.4
0°-90°	173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	173.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	230	
5°	214	19
15°	132	37
25°	78	36
35°	46	29
45°	28	22
55°	17	15
65°	10	9
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	229.6
2.5°	225.8
5°	214.4
7.5°	196.2
10°	173.8
12.5°	151.8
15°	132.4
17.5°	116.1
20°	101.7
22.5°	89.2
25°	78.2
27.5°	68.3
30°	60.0
32.5°	52.7
35°	46.3
37.5°	40.6
40°	35.7
42.5°	31.5
45°	27.7
47.5°	24.7
50°	21.6
52.5°	19.0
55°	16.7
57.5°	14.8
60°	12.9
62.5°	11.0
65°	9.5
67.5°	8.0
70°	6.8
72.5°	5.3
75°	4.2
77.5°	3.0
80°	2.3
82.5°	1.1
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)