

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: P1250699

Luminaire Tested: P3AS02R159030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250699
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: P3AS02R159030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

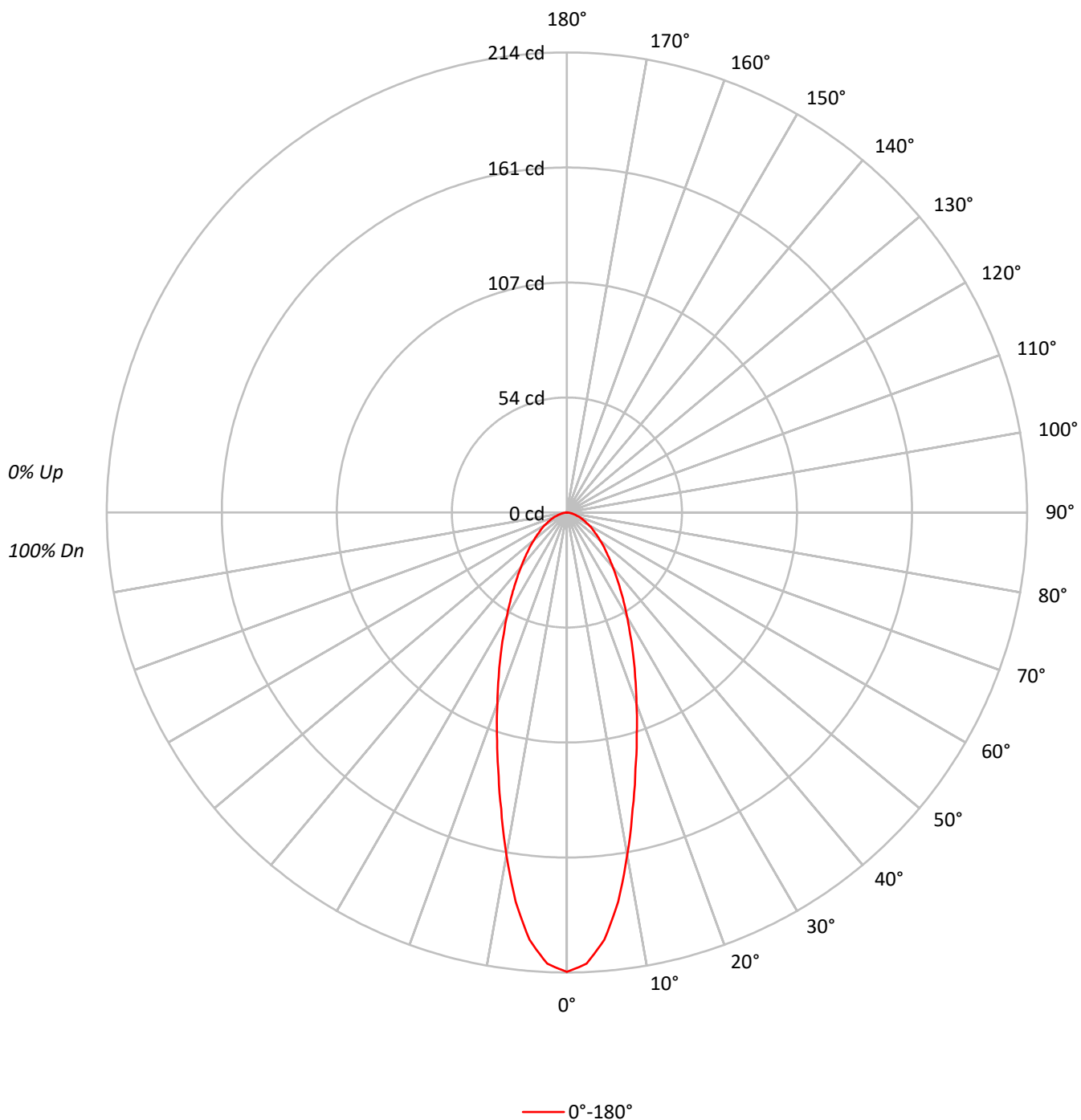
Lumens per Lamp: N/A
Luminaire Lumens: 161.0 lumens
Efficiency: N/A
Efficacy: 44.7 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	71	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	47	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°	46860
5°	43914
10°	36005
15°	27991
20°	22075
25°	17614
30°	14129
35°	11538
40°	9504
45°	8001
50°	6857
55°	5926
60°	5263
65°	4566
70°	4103
75°	3304
80°	2652
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8001 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.8	11.1
10°-20°	34.5	21.4
20°-30°	33.6	20.8
30°-40°	27.1	16.8
40°-50°	20.1	12.5
50°-60°	14.1	8.7
60°-70°	8.8	5.5
70°-80°	4.2	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°	85.9	53.4
0°-40°	113.0	70.2
0°-60°	147.3	91.5
0°-90°	161.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	161.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	214	
5°	200	18
15°	123	35
25°	73	34
35°	43	27
45°	26	20
55°	16	14
65°	9	9
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	213.7
2.5°	210.1
5°	199.5
7.5°	182.6
10°	161.7
12.5°	141.3
15°	123.3
17.5°	108.1
20°	94.6
22.5°	83.0
25°	72.8
27.5°	63.6
30°	55.8
32.5°	49.1
35°	43.1
37.5°	37.8
40°	33.2
42.5°	29.3
45°	25.8
47.5°	23.0
50°	20.1
52.5°	17.7
55°	15.5
57.5°	13.8
60°	12.0
62.5°	10.2
65°	8.8
67.5°	7.4
70°	6.4
72.5°	4.9
75°	3.9
77.5°	2.8
80°	2.1
82.5°	1.1
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)