

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: P1286712

Luminaire Tested: P3AS09R159030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286712
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: P3AS09R159030D2WDE010 E3PHLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

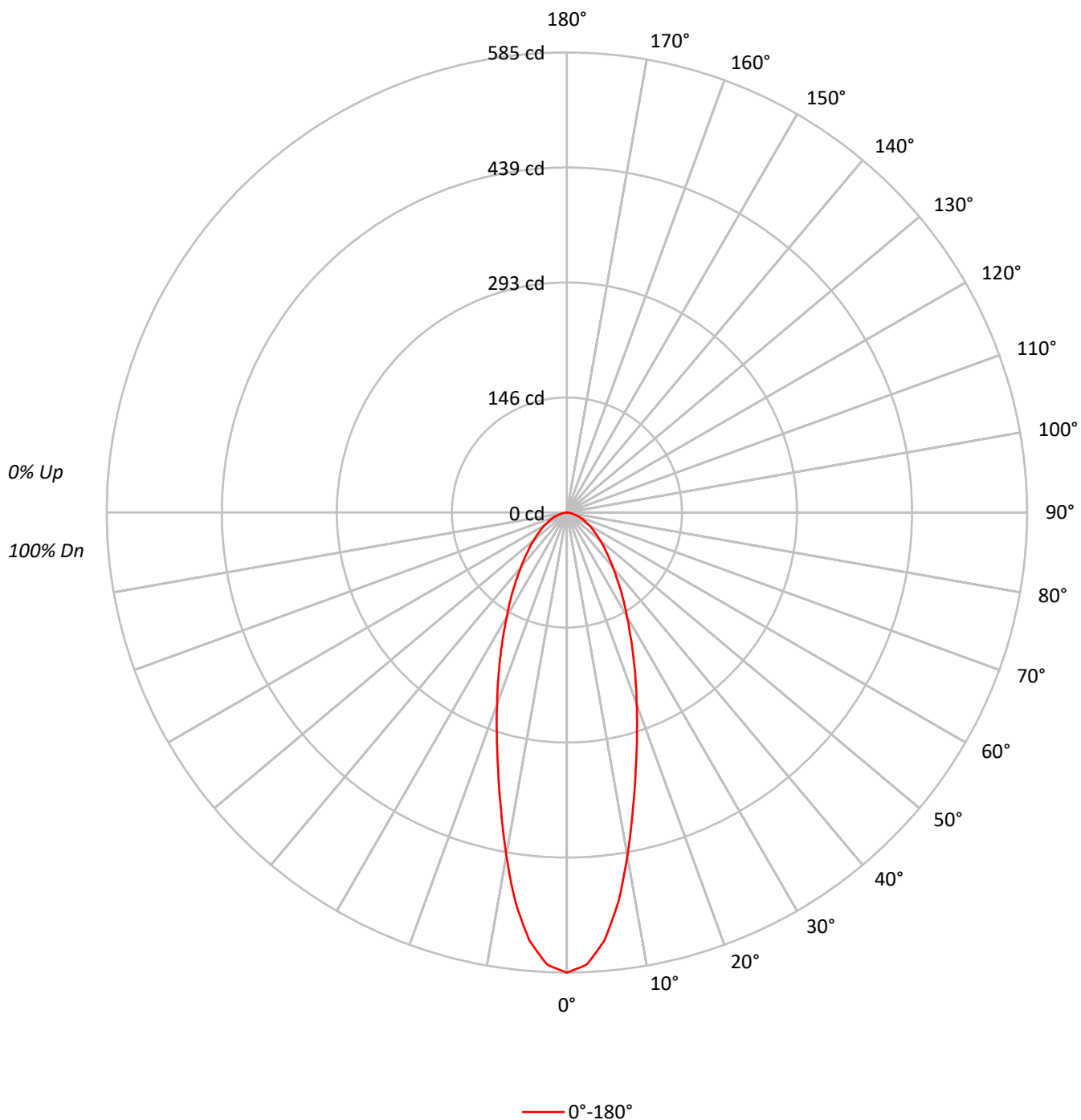
Lumens per Lamp: N/A
Luminaire Lumens: 440.9 lumens
Efficiency: N/A
Efficacy: 30.0 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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°	128323
5°	120295
10°	98640
15°	76641
20°	60485
25°	48221
30°	38689
35°	31588
40°	26020
45°	21894
50°	18797
55°	16286
60°	14429
65°	12556
70°	11156
75°	8981
80°	7324
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21894 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.8	11.1
10°-20°	94.6	21.4
20°-30°	91.9	20.8
30°-40°	74.3	16.8
40°-50°	55.2	12.5
50°-60°	38.5	8.7
60°-70°	24.2	5.5
70°-80°	11.4	2.6
80°-90°	2.1	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°	235.3	53.4
0°-40°	309.6	70.2
0°-60°	403.3	91.5
0°-90°	440.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	440.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	585	
5°	546	49
15°	338	95
25°	199	92
35°	118	74
45°	71	55
55°	43	39
65°	24	24
75°	11	11
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	585.2
2.5°	575.6
5°	546.5
7.5°	500.1
10°	443.0
12.5°	386.9
15°	337.6
17.5°	296.0
20°	259.2
22.5°	227.3
25°	199.3
27.5°	174.1
30°	152.8
32.5°	134.5
35°	118.0
37.5°	103.5
40°	90.9
42.5°	80.3
45°	70.6
47.5°	62.9
50°	55.1
52.5°	48.4
55°	42.6
57.5°	37.7
60°	32.9
62.5°	28.1
65°	24.2
67.5°	20.3
70°	17.4
72.5°	13.5
75°	10.6
77.5°	7.7
80°	5.8
82.5°	2.9
85°	1.9
87.5°	0.0
90°	0.0

(END OF REPORT)