

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: P1273628

Luminaire Tested: P3A09R209830DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273628
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R209830DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

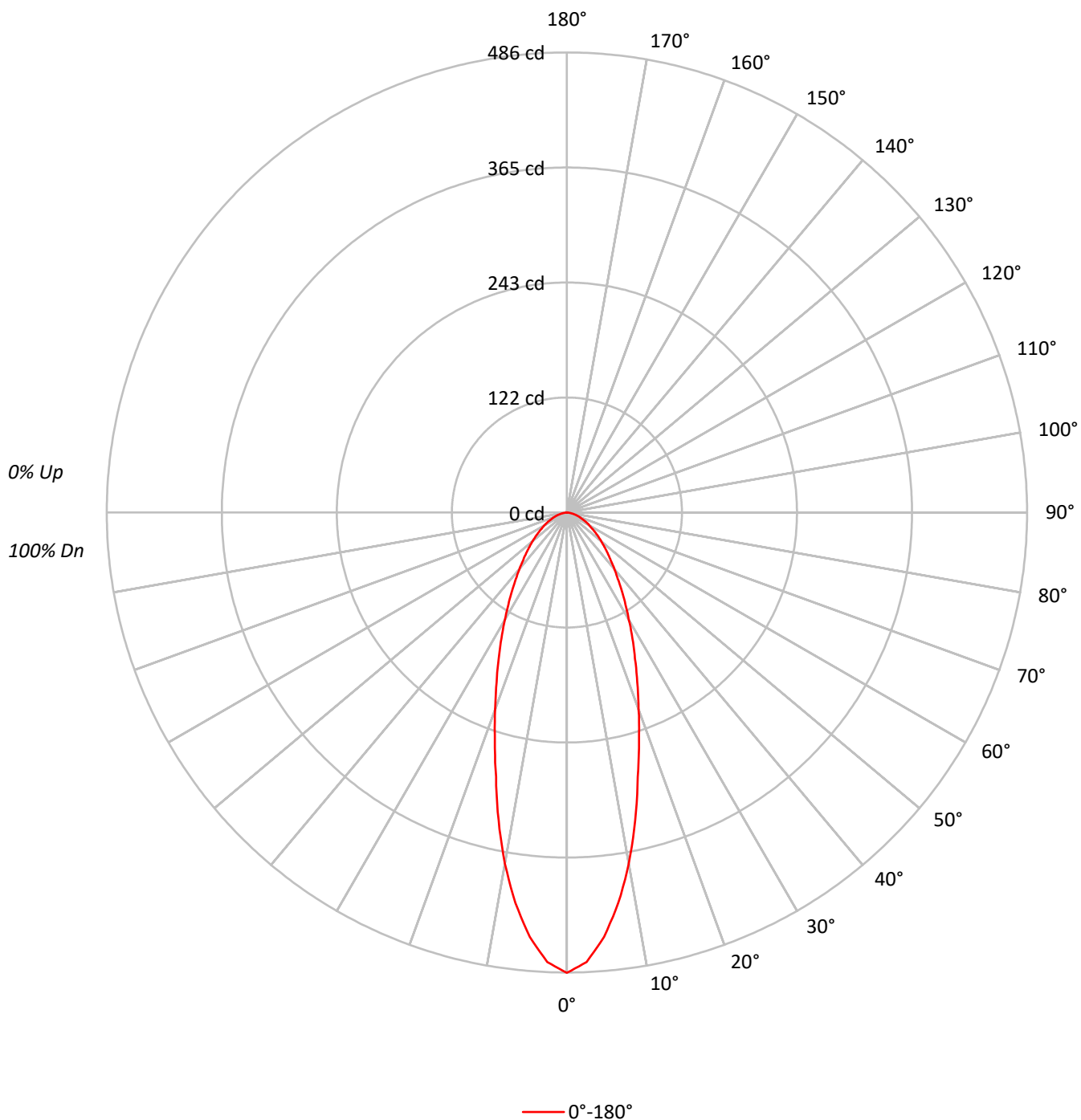
Lumens per Lamp: N/A
Luminaire Lumens: 376.0 lumens
Efficiency: N/A
Efficacy: 34.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	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		66	61	57		65
7	76	66	59	54	75	65	58	53	63	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	106636
5°	99053
10°	83877
15°	65653
20°	51688
25°	41180
30°	33119
35°	27010
40°	22328
45°	18824
50°	16136
55°	13878
60°	12104
65°	10637
70°	9104
75°	8049
80°	5935
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18824 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.6	10.8
10°-20°	81.0	21.5
20°-30°	78.6	20.9
30°-40°	63.5	16.9
40°-50°	47.2	12.6
50°-60°	32.8	8.7
60°-70°	20.5	5.5
70°-80°	10.0	2.7
80°-90°	1.7	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°	200.2	53.2
0°-40°	263.8	70.1
0°-60°	343.8	91.4
0°-90°	376.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	376.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	486	
5°	450	41
15°	289	81
25°	170	79
35°	101	64
45°	61	47
55°	36	33
65°	20	21
75°	10	10
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	486.3
2.5°	475.3
5°	450.0
7.5°	416.1
10°	376.7
12.5°	333.4
15°	289.2
17.5°	253.0
20°	221.5
22.5°	193.9
25°	170.2
27.5°	149.7
30°	130.8
32.5°	115.1
35°	100.9
37.5°	88.3
40°	78.0
42.5°	68.6
45°	60.7
47.5°	53.6
50°	47.3
52.5°	41.8
55°	36.3
57.5°	31.5
60°	27.6
62.5°	24.4
65°	20.5
67.5°	17.3
70°	14.2
72.5°	11.8
75°	9.5
77.5°	7.1
80°	4.7
82.5°	2.4
85°	1.6
87.5°	0.0
90°	0.0

(END OF REPORT)