

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: P1246753

Luminaire Tested: P3A10R129024DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246753
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: P3A10R129024DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

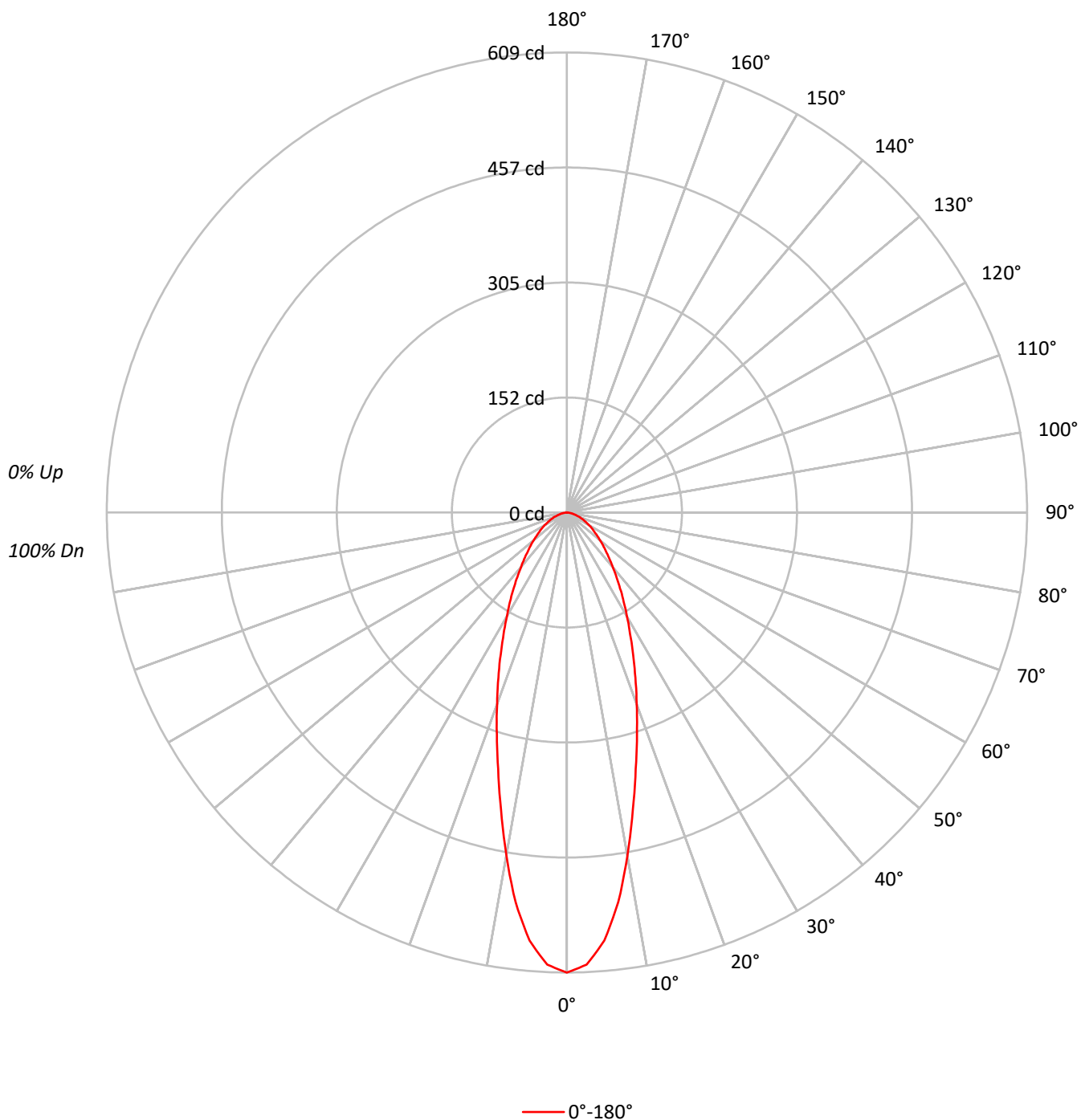
Lumens per Lamp: N/A
Luminaire Lumens: 459.0 lumens
Efficiency: N/A
Efficacy: 39.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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°	133564
5°	125225
10°	102670
15°	79773
20°	62959
25°	50180
30°	40285
35°	32873
40°	27079
45°	22793
50°	19581
55°	16936
60°	14999
65°	13075
70°	11605
75°	9404
80°	7577
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22793 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.8	11.1
10°-20°	98.4	21.4
20°-30°	95.7	20.8
30°-40°	77.3	16.8
40°-50°	57.4	12.5
50°-60°	40.1	8.7
60°-70°	25.1	5.5
70°-80°	11.9	2.6
80°-90°	2.2	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°	244.9	53.4
0°-40°	322.2	70.2
0°-60°	419.7	91.4
0°-90°	459.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	459.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	609	
5°	569	51
15°	351	98
25°	207	96
35°	123	77
45°	74	57
55°	44	40
65°	25	25
75°	11	12
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	609.1
2.5°	599.1
5°	568.9
7.5°	520.5
10°	461.1
12.5°	402.7
15°	351.4
17.5°	308.1
20°	269.8
22.5°	236.6
25°	207.4
27.5°	181.2
30°	159.1
32.5°	139.9
35°	122.8
37.5°	107.7
40°	94.6
42.5°	83.6
45°	73.5
47.5°	65.4
50°	57.4
52.5°	50.3
55°	44.3
57.5°	39.3
60°	34.2
62.5°	29.2
65°	25.2
67.5°	21.1
70°	18.1
72.5°	14.1
75°	11.1
77.5°	8.1
80°	6.0
82.5°	3.0
85°	2.0
87.5°	0.0
90°	0.0

(END OF REPORT)