

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: P1267303

Luminaire Tested: P3A10R129735DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267303
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: P3A10R129735DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

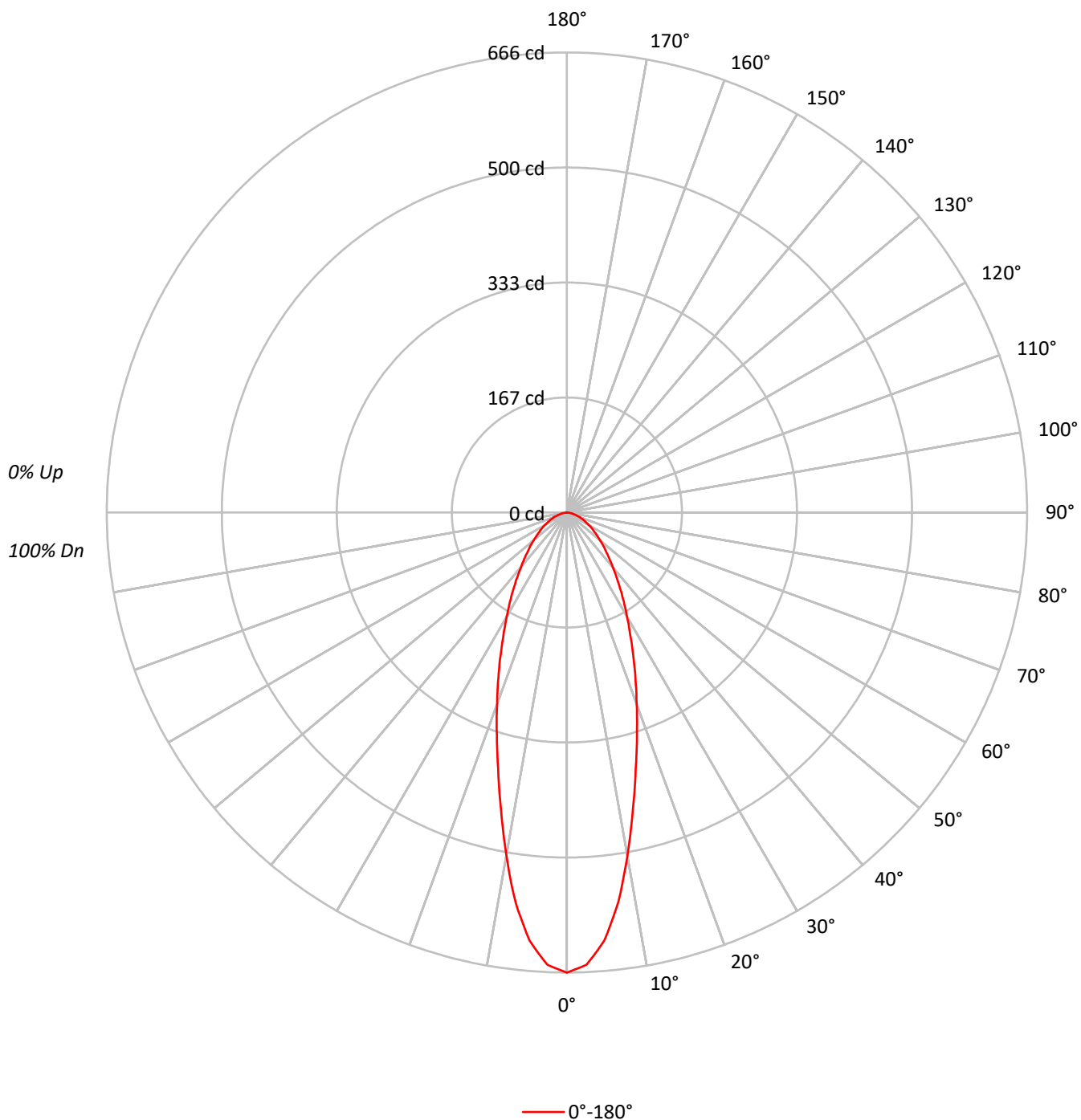
Lumens per Lamp: N/A
Luminaire Lumens: 502.0 lumens
Efficiency: N/A
Efficacy: 42.9 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1267303

CATALOG NUMBER: P3A10R129735DE010 E3PHLD1MW

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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95	93	92	90
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87	85	82	80
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81	77	74	72
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75	71	67	66
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70	65	62	60
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65	60	57	55
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61	56	53	51
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58	53	49	47
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54	49	46	44
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52	47	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	146085
5°	136936
10°	112289
15°	87242
20°	68863
25°	54874
30°	44057
35°	35951
40°	29627
45°	24933
50°	21424
55°	18542
60°	16402
65°	14269
70°	12694
75°	10252
80°	8334
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 24933 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.6	11.1
10°-20°	107.7	21.4
20°-30°	104.6	20.8
30°-40°	84.6	16.8
40°-50°	62.8	12.5
50°-60°	43.9	8.7
60°-70°	27.5	5.5
70°-80°	13.0	2.6
80°-90°	2.4	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°	267.8	53.4
0°-40°	352.4	70.2
0°-60°	459.1	91.5
0°-90°	502.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	502.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	666	
5°	622	56
15°	384	108
25°	227	105
35°	134	85
45°	80	63
55°	48	44
65°	28	27
75°	12	13
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	666.2
2.5°	655.2
5°	622.1
7.5°	569.3
10°	504.3
12.5°	440.5
15°	384.3
17.5°	337.0
20°	295.1
22.5°	258.8
25°	226.8
27.5°	198.2
30°	174.0
32.5°	153.1
35°	134.3
37.5°	117.8
40°	103.5
42.5°	91.4
45°	80.4
47.5°	71.6
50°	62.8
52.5°	55.1
55°	48.5
57.5°	42.9
60°	37.4
62.5°	31.9
65°	27.5
67.5°	23.1
70°	19.8
72.5°	15.4
75°	12.1
77.5°	8.8
80°	6.6
82.5°	3.3
85°	2.2
87.5°	0.0
90°	0.0

(END OF REPORT)