

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: P1264957

Luminaire Tested: P3A13R129730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264957
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: P3A13R129730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

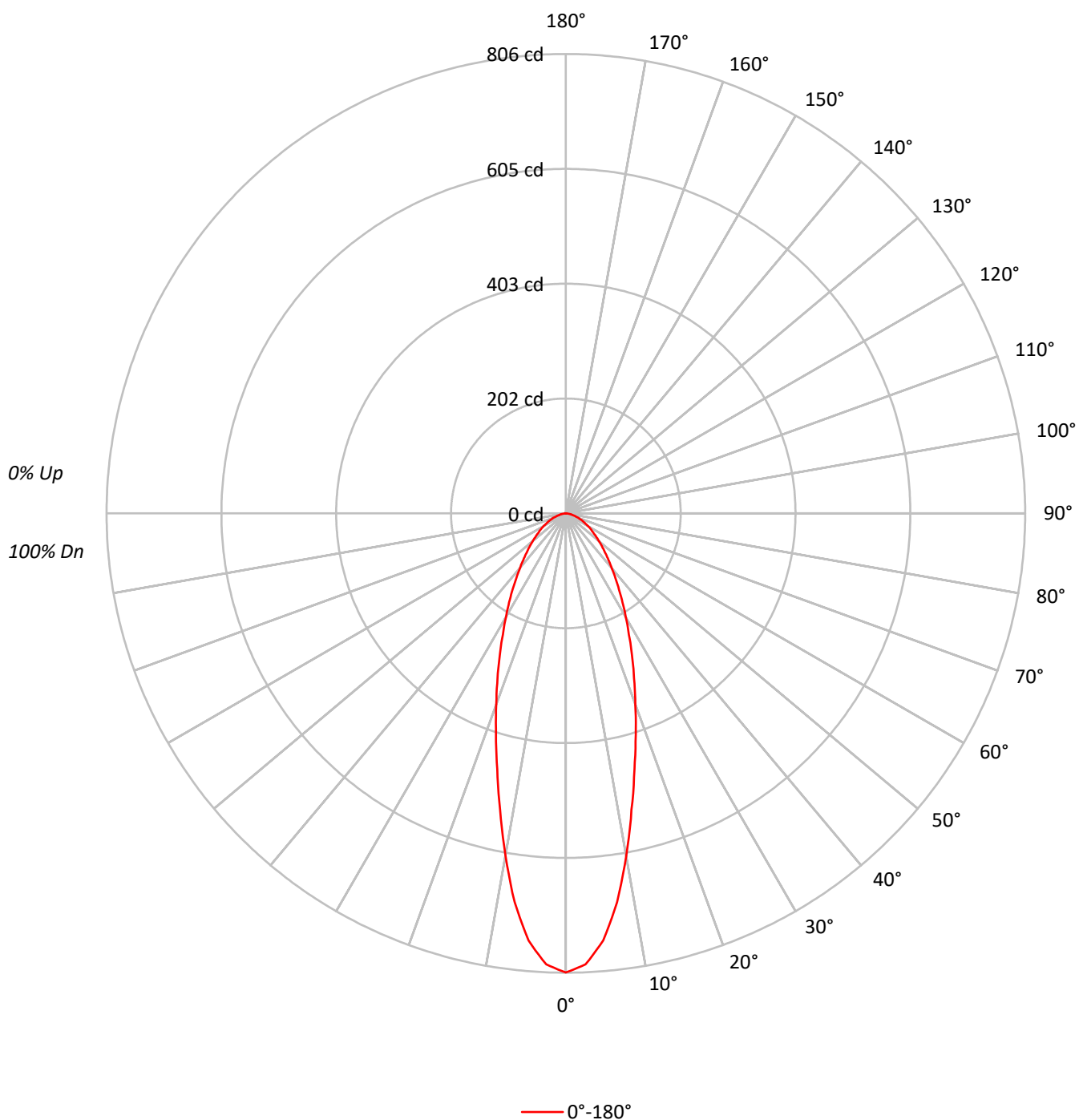
Lumens per Lamp: N/A
Luminaire Lumens: 607.0 lumens
Efficiency: N/A
Efficacy: 39.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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	70	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	46	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°	176631
5°	165595
10°	135780
15°	105494
20°	83261
25°	66367
30°	53274
35°	43473
40°	35839
45°	30143
50°	25893
55°	22403
60°	19867
65°	17278
70°	15387
75°	12370
80°	10102
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30143 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.2	11.1
10°-20°	130.2	21.4
20°-30°	126.5	20.8
30°-40°	102.3	16.8
40°-50°	75.9	12.5
50°-60°	53.1	8.7
60°-70°	33.3	5.5
70°-80°	15.8	2.6
80°-90°	2.9	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°	323.9	53.4
0°-40°	426.1	70.2
0°-60°	555.1	91.4
0°-90°	607.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	607.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	806	
5°	752	67
15°	465	130
25°	274	127
35°	162	102
45°	97	76
55°	59	53
65°	33	33
75°	15	16
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	805.5
2.5°	792.2
5°	752.3
7.5°	688.4
10°	609.8
12.5°	532.6
15°	464.7
17.5°	407.4
20°	356.8
22.5°	312.9
25°	274.3
27.5°	239.7
30°	210.4
32.5°	185.1
35°	162.4
37.5°	142.5
40°	125.2
42.5°	110.5
45°	97.2
47.5°	86.5
50°	75.9
52.5°	66.6
55°	58.6
57.5°	51.9
60°	45.3
62.5°	38.6
65°	33.3
67.5°	28.0
70°	24.0
72.5°	18.6
75°	14.6
77.5°	10.7
80°	8.0
82.5°	4.0
85°	2.7
87.5°	0.0
90°	0.0

(END OF REPORT)