

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: P1269805

Luminaire Tested: P3A13R259740DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269805
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259740DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

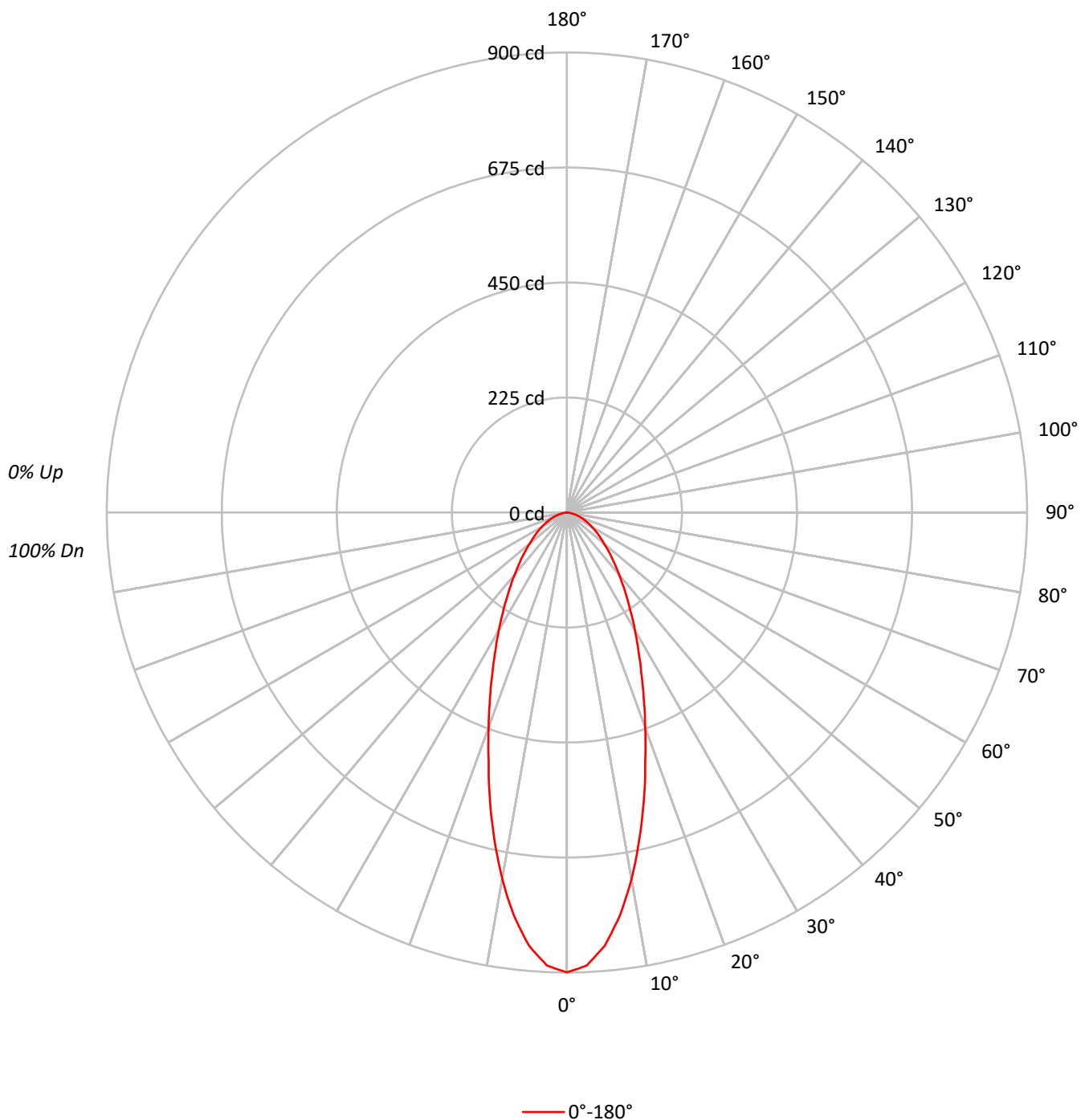
Lumens per Lamp: N/A
Luminaire Lumens: 756.0 lumens
Efficiency: N/A
Efficacy: 51.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	197265
5°	187233
10°	162166
15°	132033
20°	104332
25°	83182
30°	67428
35°	54930
40°	45514
45°	38361
50°	32442
55°	28558
60°	25042
65°	21844
70°	19170
75°	16097
80°	11996
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38361 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.2	10.2
10°-20°	161.3	21.3
20°-30°	159.0	21.0
30°-40°	129.4	17.1
40°-50°	96.0	12.7
50°-60°	67.0	8.9
60°-70°	42.0	5.6
70°-80°	20.2	2.7
80°-90°	3.9	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°	397.5	52.6
0°-40°	526.9	69.7
0°-60°	689.9	91.3
0°-90°	756.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	756.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	900	
5°	851	77
15°	582	161
25°	344	159
35°	205	129
45°	124	96
55°	75	67
65°	42	42
75°	19	20
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	899.6
2.5°	887.3
5°	850.6
7.5°	794.9
10°	728.3
12.5°	655.0
15°	581.6
17.5°	509.6
20°	447.1
22.5°	392.7
25°	343.8
27.5°	301.7
30°	266.3
32.5°	233.7
35°	205.2
37.5°	180.7
40°	159.0
42.5°	140.0
45°	123.7
47.5°	108.7
50°	95.1
52.5°	84.2
55°	74.7
57.5°	65.2
60°	57.1
62.5°	48.9
65°	42.1
67.5°	35.3
70°	29.9
72.5°	24.5
75°	19.0
77.5°	13.6
80°	9.5
82.5°	5.4
85°	2.7
87.5°	1.4
90°	0.0

(END OF REPORT)