

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: P1296290

Luminaire Tested: P3A13R25W2N902765DE010 E3PHLD1MW_6500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296290
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: P3A13R25W2N902765DE010 E3PHLD1MW_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 6500K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

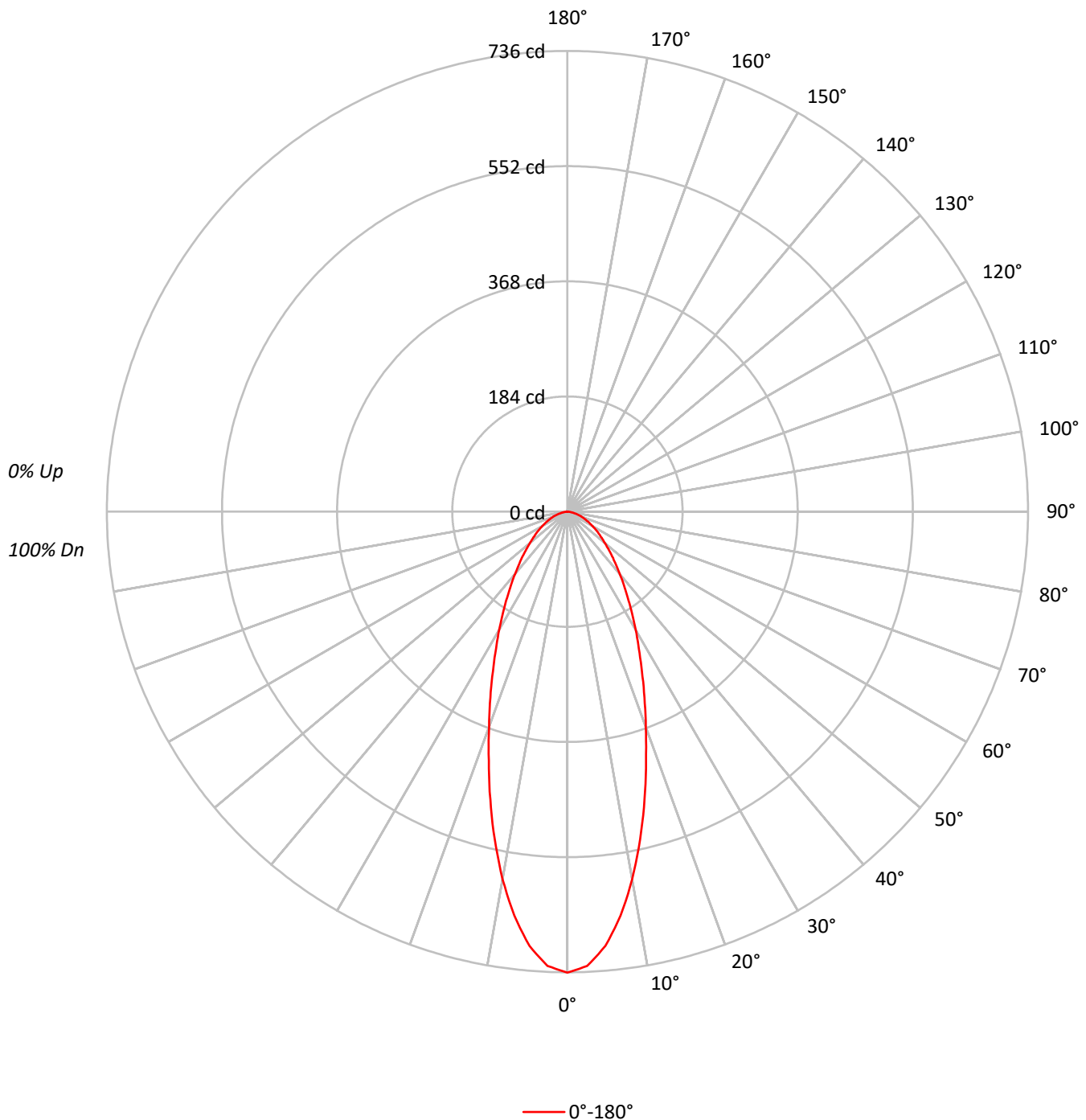
Lumens per Lamp: N/A
Luminaire Lumens: 619.0 lumens
Efficiency: N/A
Efficacy: 50.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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			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	100	102	99	97		98	96	94		95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80	77	74	72
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74	70	67	65
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69	65	61	59
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65	60	56	55
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61	56	52	50
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57	52	48	47
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	161500
5°	153312
10°	132796
15°	108105
20°	85407
25°	68109
30°	55224
35°	44972
40°	37270
45°	31383
50°	26575
55°	23397
60°	20481
65°	17901
70°	15708
75°	13217
80°	9850
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31383 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.2	10.2
10°-20°	132.0	21.3
20°-30°	130.1	21.0
30°-40°	106.0	17.1
40°-50°	78.6	12.7
50°-60°	54.9	8.9
60°-70°	34.4	5.6
70°-80°	16.6	2.7
80°-90°	3.2	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°	325.4	52.6
0°-40°	431.4	69.7
0°-60°	564.9	91.3
0°-90°	619.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	619.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	736	
5°	696	63
15°	476	132
25°	282	130
35°	168	106
45°	101	79
55°	61	55
65°	34	34
75°	16	17
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	736.5
2.5°	726.5
5°	696.5
7.5°	650.9
10°	596.4
12.5°	536.3
15°	476.2
17.5°	417.2
20°	366.0
22.5°	321.5
25°	281.5
27.5°	247.0
30°	218.1
32.5°	191.4
35°	168.0
37.5°	148.0
40°	130.2
42.5°	114.6
45°	101.2
47.5°	89.0
50°	77.9
52.5°	69.0
55°	61.2
57.5°	53.4
60°	46.7
62.5°	40.1
65°	34.5
67.5°	28.9
70°	24.5
72.5°	20.0
75°	15.6
77.5°	11.1
80°	7.8
82.5°	4.5
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)