

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: P1296097

Luminaire Tested: P3A13R25W2N902750DE010 E3PHLD1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296097
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: P3A13R25W2N902750DE010 E3PHLD1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

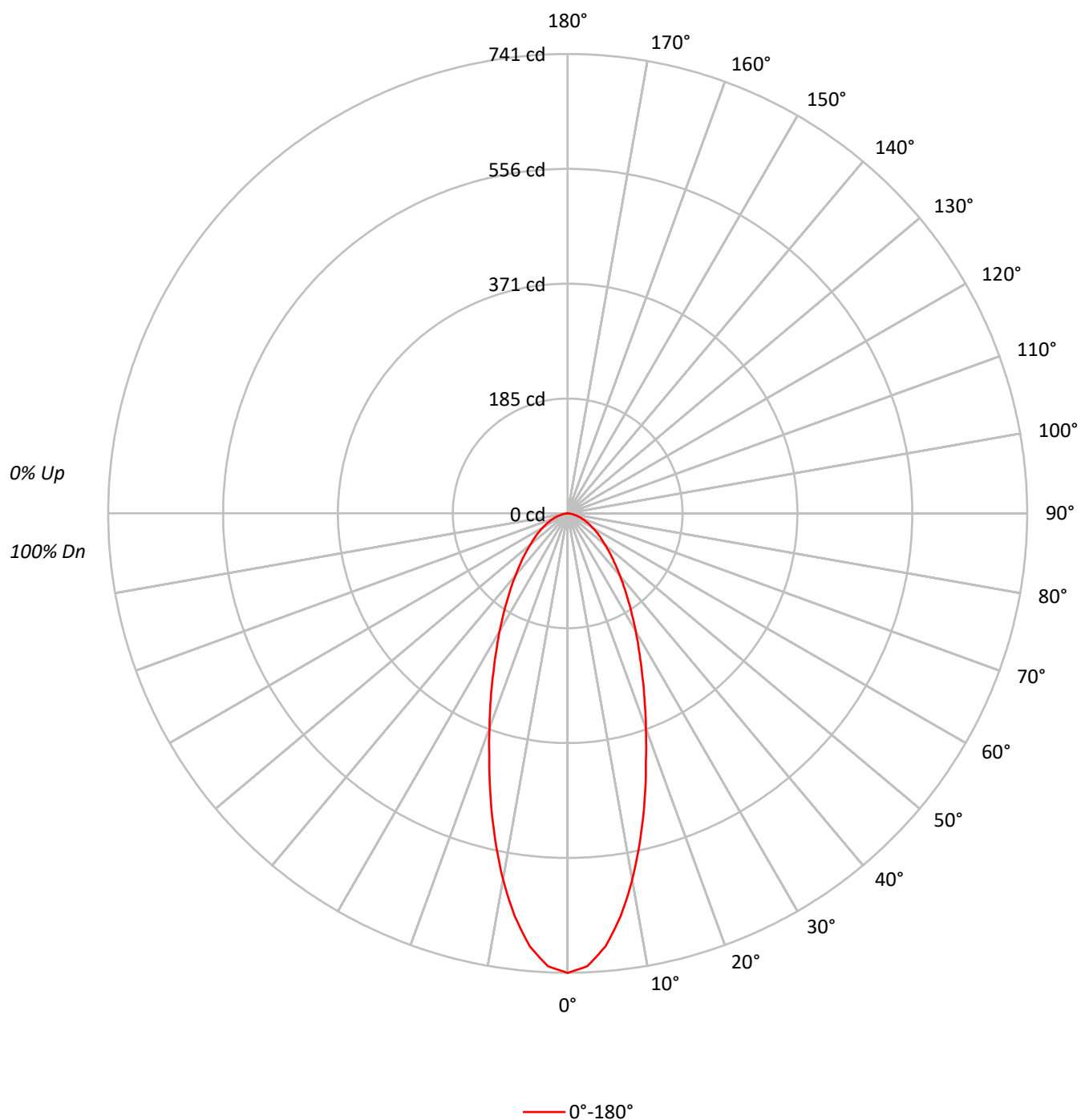
Lumens per Lamp: N/A
Luminaire Lumens: 623.0 lumens
Efficiency: N/A
Efficacy: 50.6 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	162553
5°	154303
10°	133643
15°	108809
20°	85967
25°	68544
30°	55578
35°	45267
40°	37499
45°	31600
50°	26745
55°	23550
60°	20612
65°	18005
70°	15772
75°	13302
80°	9850
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31600 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.7	10.2
10°-20°	132.9	21.3
20°-30°	131.0	21.0
30°-40°	106.6	17.1
40°-50°	79.1	12.7
50°-60°	55.2	8.9
60°-70°	34.6	5.6
70°-80°	16.7	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°	327.5	52.6
0°-40°	434.2	69.7
0°-60°	568.5	91.3
0°-90°	623.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	623.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	741	
5°	701	64
15°	479	133
25°	283	131
35°	169	107
45°	102	79
55°	62	55
65°	35	35
75°	16	17
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	741.3
2.5°	731.2
5°	701.0
7.5°	655.1
10°	600.2
12.5°	539.7
15°	479.3
17.5°	419.9
20°	368.4
22.5°	323.6
25°	283.3
27.5°	248.6
30°	219.5
32.5°	192.6
35°	169.1
37.5°	148.9
40°	131.0
42.5°	115.3
45°	101.9
47.5°	89.6
50°	78.4
52.5°	69.4
55°	61.6
57.5°	53.8
60°	47.0
62.5°	40.3
65°	34.7
67.5°	29.1
70°	24.6
72.5°	20.2
75°	15.7
77.5°	11.2
80°	7.8
82.5°	4.5
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)