

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: P1296101

Luminaire Tested: P3A13R25W2N902750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296101
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R25W2N902750DE010 E3PHLP1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

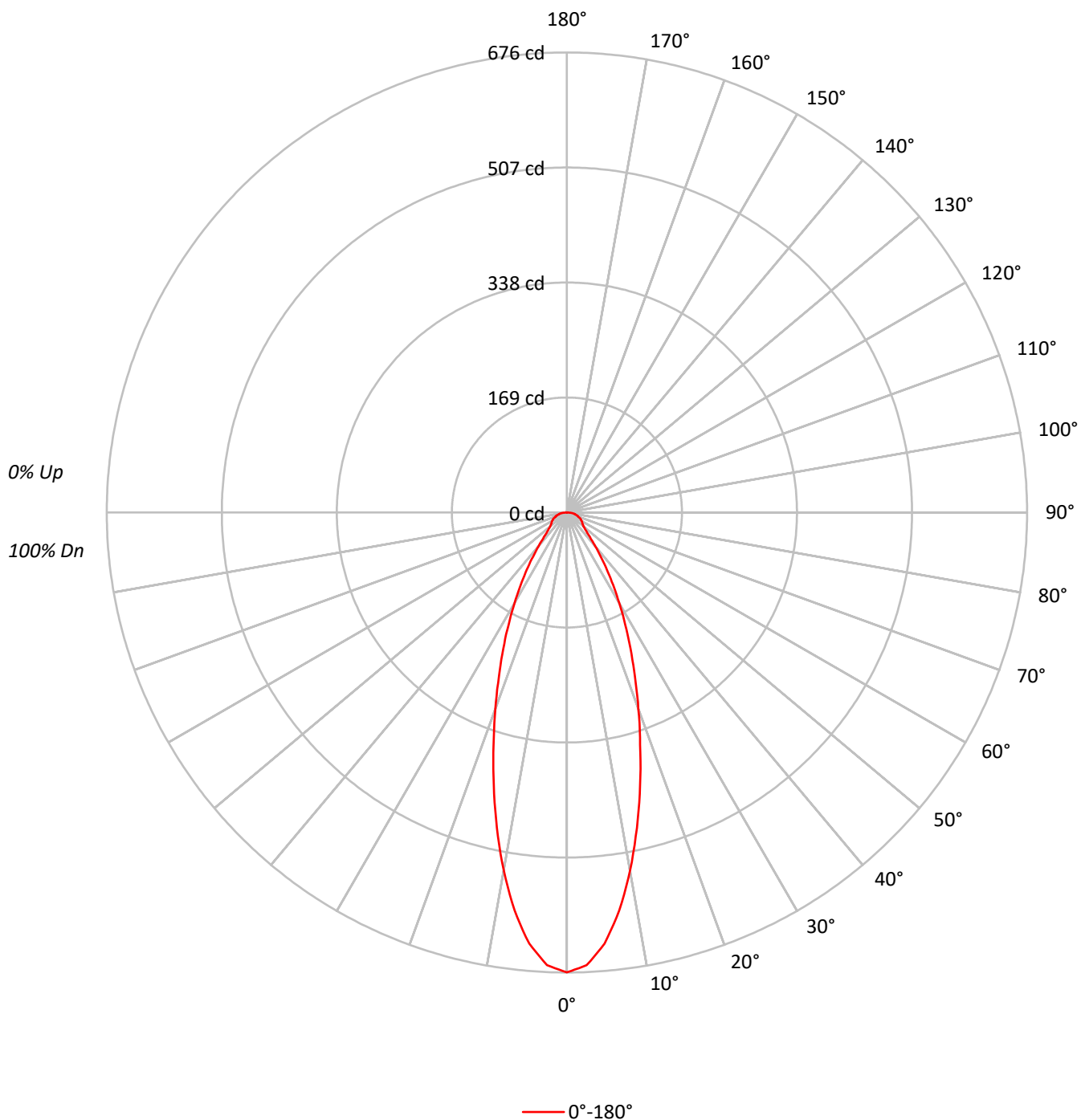
Lumens per Lamp: N/A
Luminaire Lumens: 441.0 lumens
Efficiency: N/A
Efficacy: 35.9 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	148168
5°	139995
10°	118991
15°	94257
20°	71640
25°	53422
30°	38867
35°	27492
40°	18635
45°	13025
50°	10916
55°	10552
60°	11139
65°	11467
70°	11348
75°	12200
80°	13891
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 14784 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.4	13.0
10°-20°	114.9	26.1
20°-30°	101.8	23.1
30°-40°	64.8	14.7
40°-50°	34.3	7.8
50°-60°	25.2	5.7
60°-70°	21.5	4.9
70°-80°	15.2	3.4
80°-90°	6.0	1.4
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°	274.1	62.1
0°-40°	338.9	76.8
0°-60°	398.4	90.3
0°-90°	441.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	441.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	676	
5°	636	57
15°	415	115
25°	221	102
35°	103	65
45°	42	34
55°	28	25
65°	22	21
75°	14	15
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	675.7
2.5°	665.8
5°	636.0
7.5°	589.6
10°	534.4
12.5°	474.8
15°	415.2
17.5°	357.7
20°	307.0
22.5°	260.6
25°	220.8
27.5°	185.5
30°	153.5
32.5°	125.9
35°	102.7
37.5°	81.7
40°	65.1
42.5°	51.9
45°	42.0
47.5°	36.4
50°	32.0
52.5°	29.8
55°	27.6
57.5°	26.5
60°	25.4
62.5°	23.2
65°	22.1
67.5°	19.9
70°	17.7
72.5°	16.6
75°	14.4
77.5°	12.1
80°	11.0
82.5°	8.8
85°	5.5
87.5°	2.2
90°	0.0

(END OF REPORT)