

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: P1296096

Luminaire Tested: P3A13R25W2N902750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296096
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

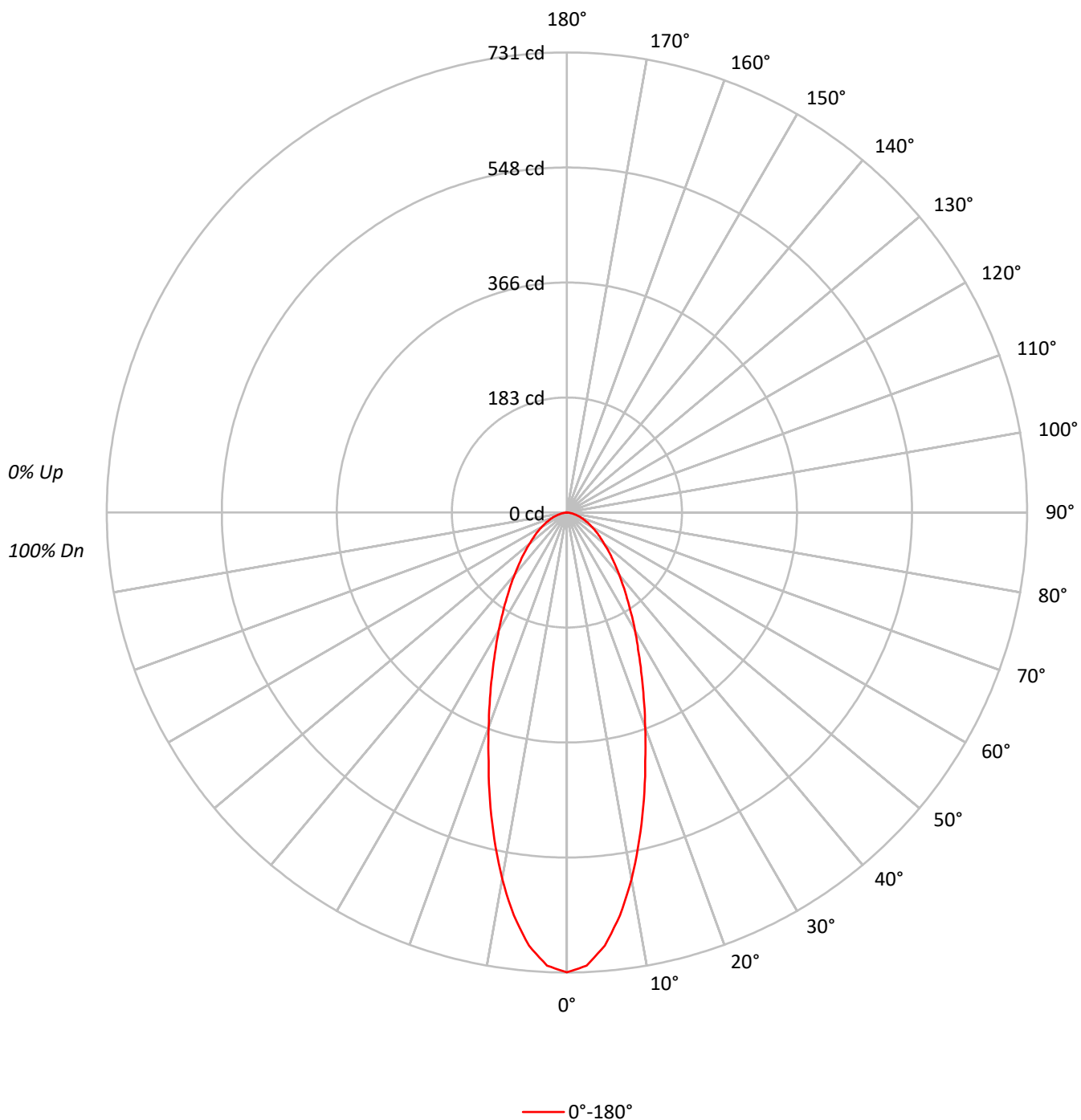
Lumens per Lamp: N/A
Luminaire Lumens: 614.0 lumens
Efficiency: N/A
Efficacy: 49.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1296096

CATALOG NUMBER: P3A13R25W2N902750DE010 E3PHLD1MW_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1296096

CATALOG NUMBER: P3A13R25W2N902750DE010 E3PHLD1MW_3000K

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°	160206
5°	152080
10°	131705
15°	107220
20°	84731
25°	67552
30°	54768
35°	44598
40°	36955
45°	31135
50°	26370
55°	23206
60°	20349
65°	17745
70°	15580
75°	13132
80°	9723
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 31135 cd/sqm

TEST NUMBER: P1296096

CATALOG NUMBER: P3A13R25W2N902750DE010 E3PHLD1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.7	10.2
10°-20°	131.0	21.3
20°-30°	129.1	21.0
30°-40°	105.1	17.1
40°-50°	78.0	12.7
50°-60°	54.5	8.9
60°-70°	34.1	5.6
70°-80°	16.4	2.7
80°-90°	3.1	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°	322.8	52.6
0°-40°	427.9	69.7
0°-60°	560.3	91.3
0°-90°	614.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	614.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	731	
5°	691	63
15°	472	131
25°	279	129
35°	167	105
45°	100	78
55°	61	54
65°	34	34
75°	16	16
85°	2	3
90°	0	



TEST NUMBER: P1296096

CATALOG NUMBER: P3A13R25W2N902750DE010 E3PHLD1MW_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	730.6
2.5°	720.7
5°	690.9
7.5°	645.6
10°	591.5
12.5°	531.9
15°	472.3
17.5°	413.9
20°	363.1
22.5°	318.9
25°	279.2
27.5°	245.0
30°	216.3
32.5°	189.8
35°	166.6
37.5°	146.8
40°	129.1
42.5°	113.7
45°	100.4
47.5°	88.3
50°	77.3
52.5°	68.4
55°	60.7
57.5°	53.0
60°	46.4
62.5°	39.7
65°	34.2
67.5°	28.7
70°	24.3
72.5°	19.9
75°	15.5
77.5°	11.0
80°	7.7
82.5°	4.4
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)