

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: P1296100

Luminaire Tested: P3A13R25W2N902750DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296100
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_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

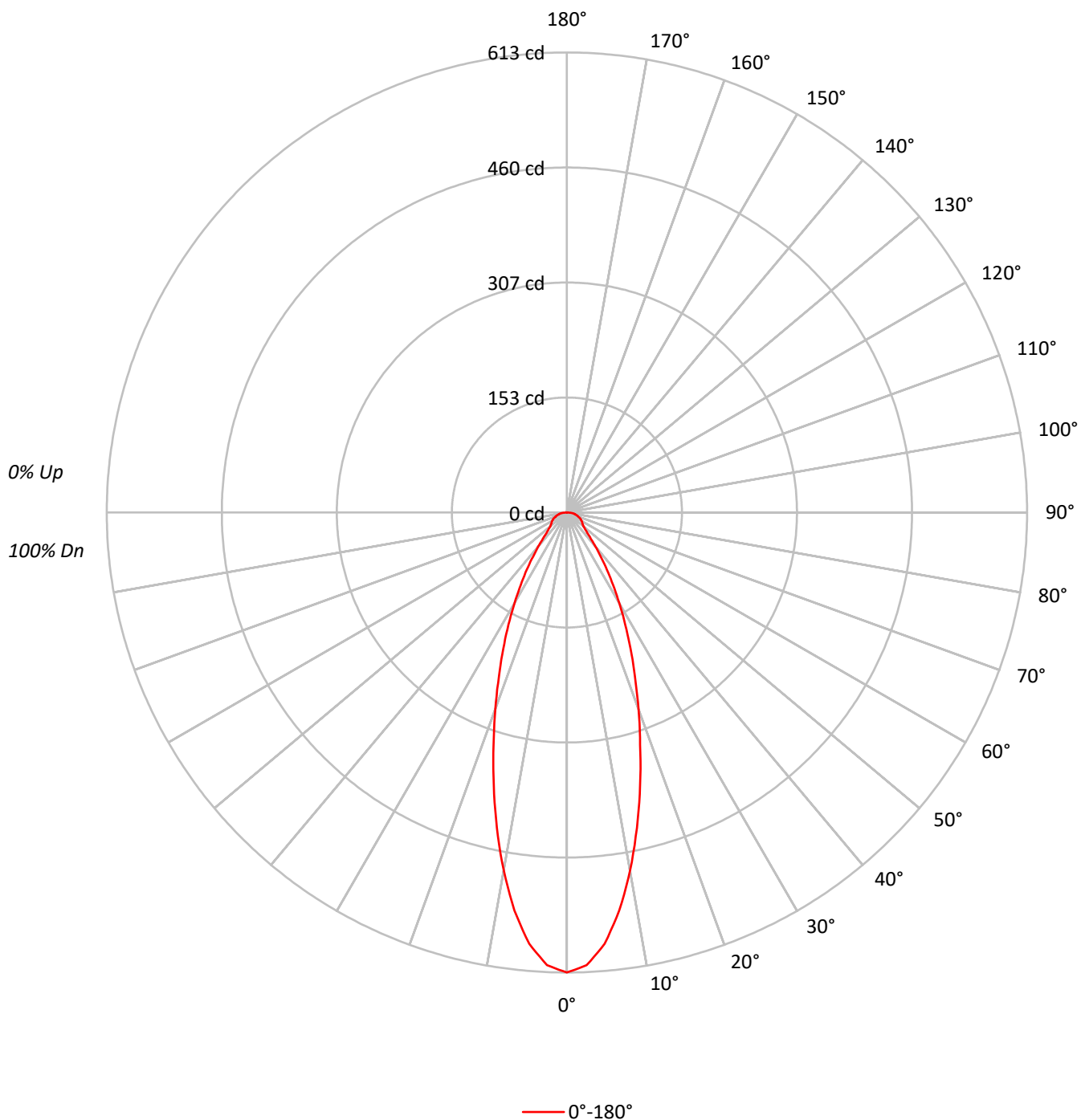
Lumens per Lamp: N/A
Luminaire Lumens: 399.9 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1296100

CATALOG NUMBER: P3A13R25W2N902750DE010 E3PHLP1MW_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1296100

CATALOG NUMBER: P3A13R25W2N902750DE010 E3PHLP1MW_2700K

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°	134397
5°	126986
10°	107925
15°	85494
20°	64966
25°	48462
30°	35246
35°	24922
40°	16917
45°	11815
50°	9893
55°	9558
60°	10087
65°	10377
70°	10258
75°	11014
80°	12628
85°	12580

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13440 cd/sqm

TEST NUMBER: P1296100

CATALOG NUMBER: P3A13R25W2N902750DE010 E3PHLP1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.1	13.0
10°-20°	104.2	26.1
20°-30°	92.3	23.1
30°-40°	58.8	14.7
40°-50°	31.1	7.8
50°-60°	22.8	5.7
60°-70°	19.4	4.9
70°-80°	13.7	3.4
80°-90°	5.4	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°	248.6	62.2
0°-40°	307.4	76.9
0°-60°	361.3	90.3
0°-90°	399.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	399.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	613	
5°	577	52
15°	377	104
25°	200	92
35°	93	59
45°	38	31
55°	25	23
65°	20	19
75°	13	14
85°	5	5
90°	0	

TEST NUMBER: P1296100

CATALOG NUMBER: P3A13R25W2N902750DE010 E3PHLP1MW_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	612.9
2.5°	603.9
5°	576.9
7.5°	534.8
10°	484.7
12.5°	430.6
15°	376.6
17.5°	324.5
20°	278.4
22.5°	236.4
25°	200.3
27.5°	168.3
30°	139.2
32.5°	114.2
35°	93.1
37.5°	74.1
40°	59.1
42.5°	47.1
45°	38.1
47.5°	33.0
50°	29.0
52.5°	27.0
55°	25.0
57.5°	24.0
60°	23.0
62.5°	21.0
65°	20.0
67.5°	18.0
70°	16.0
72.5°	15.0
75°	13.0
77.5°	11.0
80°	10.0
82.5°	8.0
85°	5.0
87.5°	2.0
90°	0.0

(END OF REPORT)