

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: P1296024

Luminaire Tested: P3A13R25W2N902750DE010 E3DL1WH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296024
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R25W2N902750DE010 E3DL1WH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

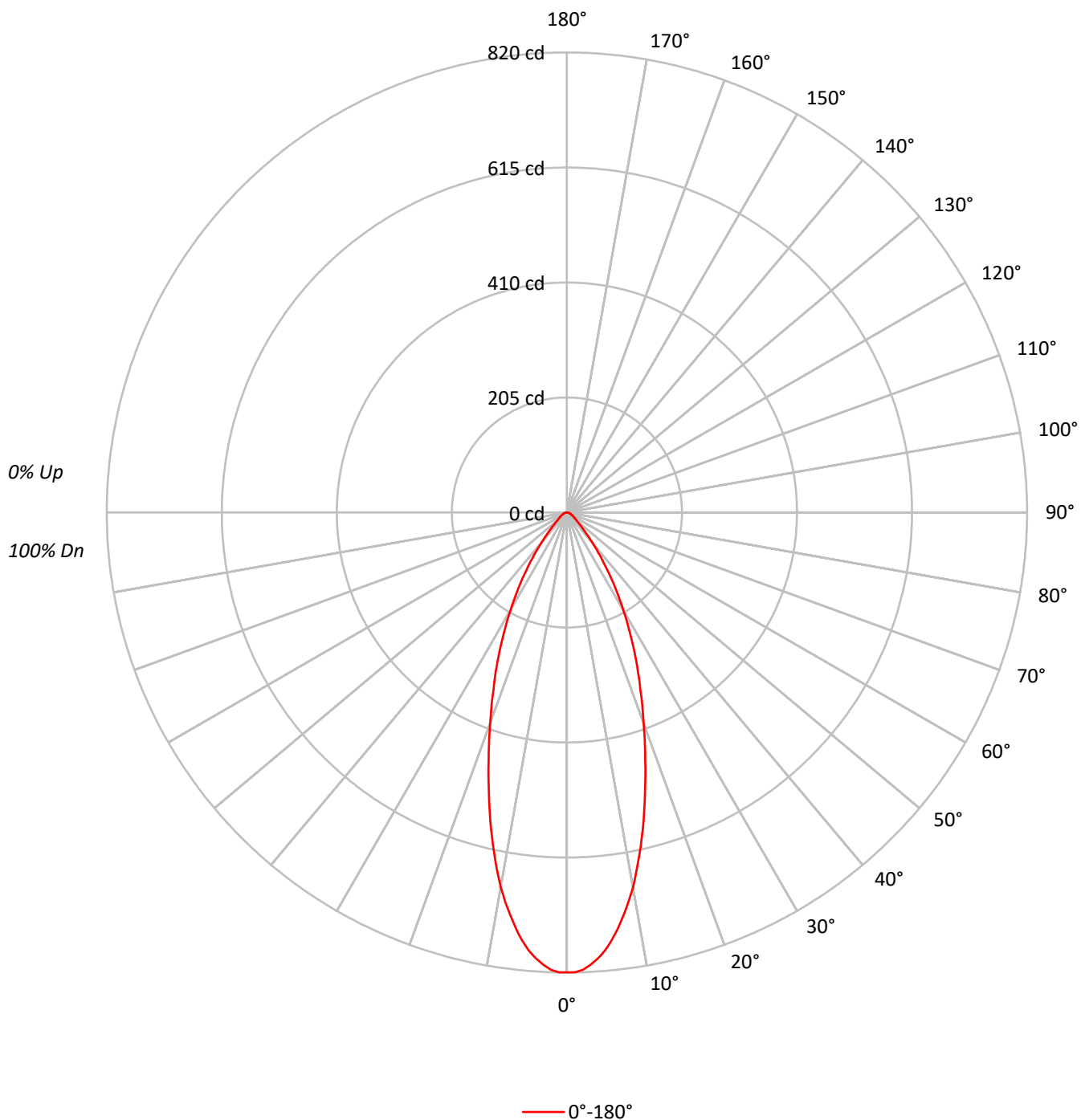
Lumens per Lamp: N/A
Luminaire Lumens: 495.0 lumens
Efficiency: N/A
Efficacy: 40.2 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92	90	88	86
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87	84	82	80
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82	79	76	75
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78	74	71	70
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74	70	67	66
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70	66	63	62
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67	63	60	58
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64	59	56	55
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61	57	54	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	179722
5°	172419
10°	151033
15°	121408
20°	93271
25°	70577
30°	50995
35°	33890
40°	20553
45°	11970
50°	7642
55°	6193
60°	5394
65°	4825
70°	3975
75°	3897
80°	2904
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 11970 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.3	14.4
10°-20°	147.9	29.9
20°-30°	133.7	27.0
30°-40°	80.4	16.2
40°-50°	31.9	6.4
50°-60°	14.7	3.0
60°-70°	9.0	1.8
70°-80°	4.8	1.0
80°-90°	1.3	0.3
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°	352.9	71.3
0°-40°	433.3	87.5
0°-60°	479.9	97.0
0°-90°	495.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	495.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	820	
5°	783	71
15°	535	148
25°	292	134
35°	127	80
45°	39	32
55°	16	15
65°	9	9
75°	5	5
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	819.6
1°	819.6
2°	815.7
3°	807.2
4°	796.4
5°	783.3
6°	766.3
7°	747.0
8°	724.6
9°	702.3
10°	678.3
11°	650.5
12°	622.0
13°	593.4
14°	564.9
15°	534.8
17.5°	463.8
20°	399.7
22.5°	341.9
25°	291.7
27.5°	244.6
30°	201.4
32.5°	162.1
35°	126.6
37.5°	96.5
40°	71.8
42.5°	52.5
45°	38.6
47.5°	29.3
50°	22.4
52.5°	18.5
55°	16.2
57.5°	13.9
60°	12.3
62.5°	10.0
65°	9.3
67.5°	7.7
70°	6.2
72.5°	5.4
75°	4.6
77.5°	3.9
80°	2.3
82.5°	1.5
85°	1.5
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)