

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: P1297078

Luminaire Tested: P3A13R40W2N902750DE010 E3DLP1H_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297078
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R40W2N902750DE010 E3DLP1H_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

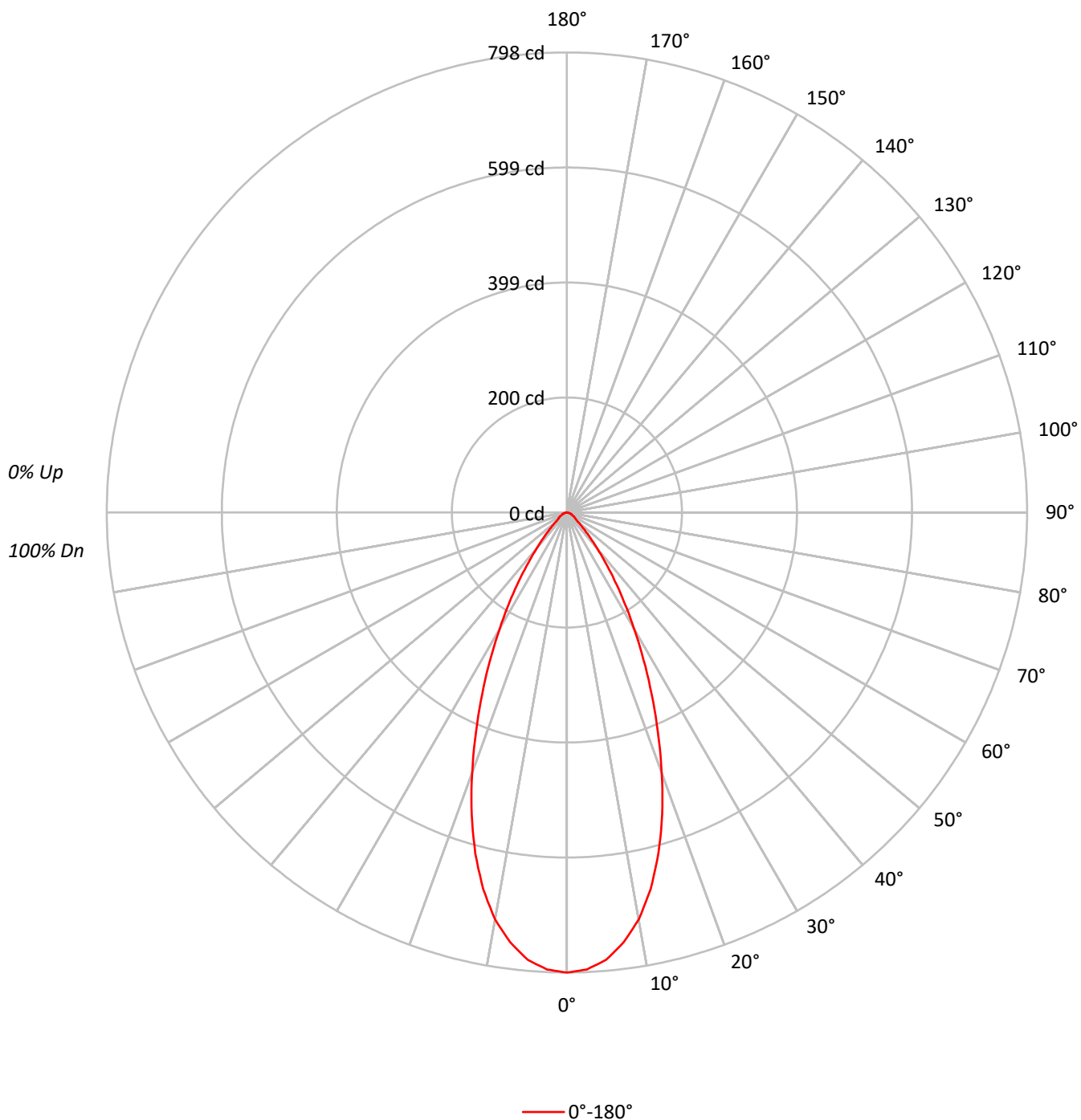
Lumens per Lamp: N/A
Luminaire Lumens: 562.0 lumens
Efficiency: N/A
Efficacy: 45.7 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100		100	99	97		97	96	95	93
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92	89	88	86
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86	84	81	80
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82	79	76	74
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77	74	71	69
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73	69	66	65
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70	66	62	61
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66	62	59	58
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63	59	56	54
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	174986
5°	171450
10°	159627
15°	139138
20°	112126
25°	84053
30°	59098
35°	38708
40°	23444
45°	13986
50°	8358
55°	6729
60°	6052
65°	5137
70°	4937
75°	3897
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13986 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.3	12.9
10°-20°	168.8	30.0
20°-30°	159.1	28.3
30°-40°	92.0	16.4
40°-50°	36.6	6.5
50°-60°	16.2	2.9
60°-70°	10.0	1.8
70°-80°	5.2	0.9
80°-90°	1.7	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°	400.2	71.2
0°-40°	492.2	87.6
0°-60°	545.1	97.0
0°-90°	562.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	562.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	798	
5°	779	72
15°	613	169
25°	347	159
35°	145	92
45°	45	37
55°	18	16
65°	10	10
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	798.0
2.5°	793.4
5°	778.9
7.5°	752.1
10°	716.9
12.5°	669.5
15°	612.9
17.5°	549.4
20°	480.5
22.5°	411.6
25°	347.4
27.5°	287.7
30°	233.4
32.5°	185.9
35°	144.6
37.5°	109.4
40°	81.9
42.5°	61.2
45°	45.1
47.5°	32.9
50°	24.5
52.5°	19.9
55°	17.6
57.5°	16.1
60°	13.8
62.5°	11.5
65°	9.9
67.5°	8.4
70°	7.7
72.5°	6.1
75°	4.6
77.5°	3.8
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)