

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: P1297045

Luminaire Tested: P3A13R40W2N902750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297045
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R40W2N902750DE010 E3DLD1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 4000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

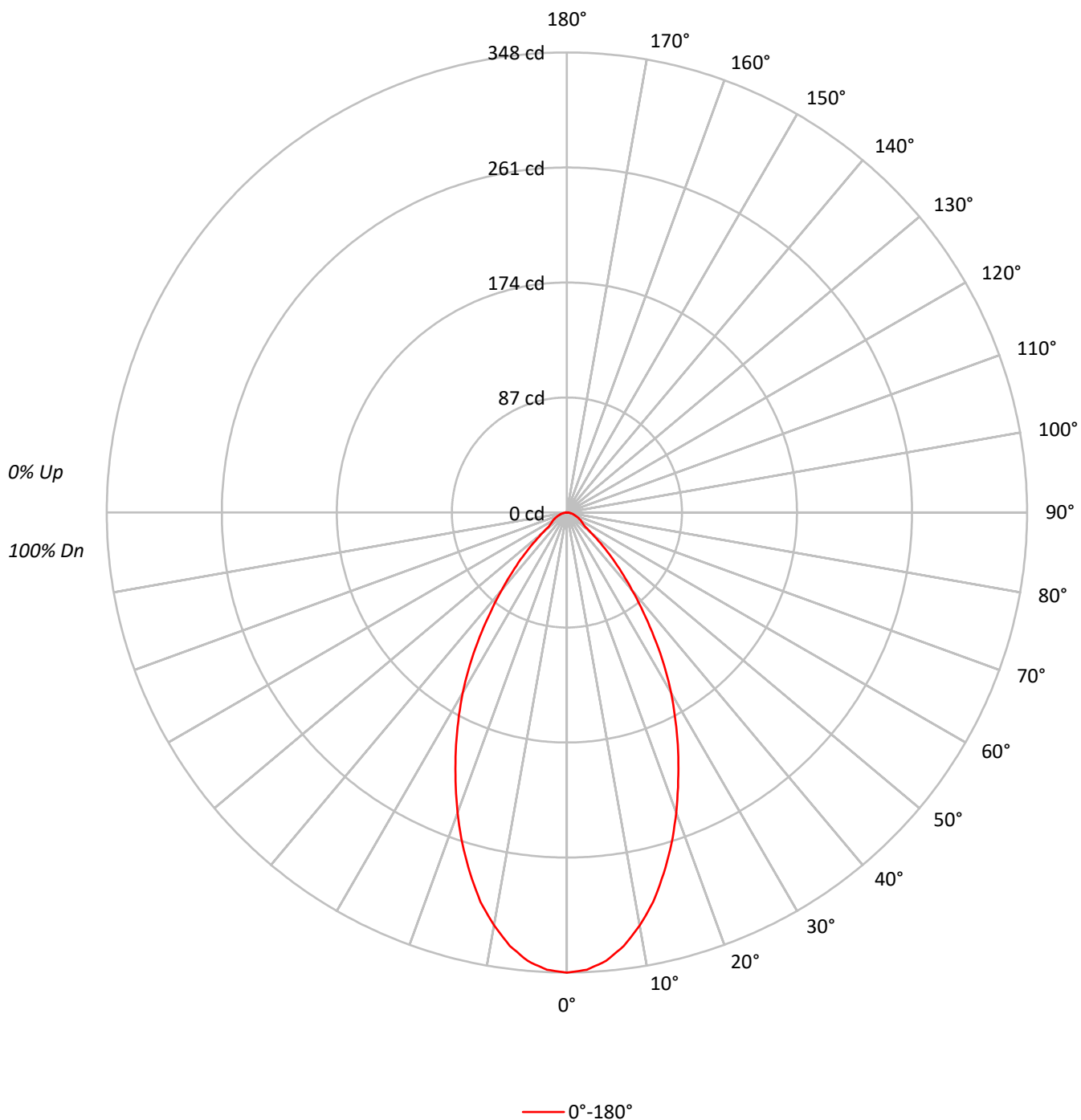
Lumens per Lamp: N/A
Luminaire Lumens: 340.0 lumens
Efficiency: N/A
Efficacy: 27.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	76332
5°	74950
10°	70629
15°	64155
20°	56378
25°	48124
30°	39880
35°	30758
40°	21898
45°	14730
50°	8051
55°	5658
60°	5350
65°	4929
70°	4360
75°	4151
80°	3410
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 14730 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.8	9.3
10°-20°	78.7	23.2
20°-30°	91.0	26.8
30°-40°	71.7	21.1
40°-50°	36.8	10.8
50°-60°	14.1	4.1
60°-70°	9.3	2.7
70°-80°	5.0	1.5
80°-90°	1.5	0.4
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°	201.5	59.3
0°-40°	273.2	80.4
0°-60°	324.1	95.3
0°-90°	340.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	340.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	348	
5°	340	32
15°	283	79
25°	199	91
35°	115	72
45°	48	37
55°	15	14
65°	10	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	348.1
2.5°	346.2
5°	340.5
7.5°	330.6
10°	317.2
12.5°	301.7
15°	282.6
17.5°	262.9
20°	241.6
22.5°	219.9
25°	198.9
27.5°	178.0
30°	157.5
32.5°	136.6
35°	114.9
37.5°	94.7
40°	76.5
42.5°	60.9
45°	47.5
47.5°	34.6
50°	23.6
52.5°	17.1
55°	14.8
57.5°	13.3
60°	12.2
62.5°	10.7
65°	9.5
67.5°	8.0
70°	6.8
72.5°	5.7
75°	4.9
77.5°	3.8
80°	2.7
82.5°	2.3
85°	1.1
87.5°	0.8
90°	0.0

(END OF REPORT)