

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: P1297042

Luminaire Tested: P3AS13R40W2N902750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297042
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: P3AS13R40W2N902750DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

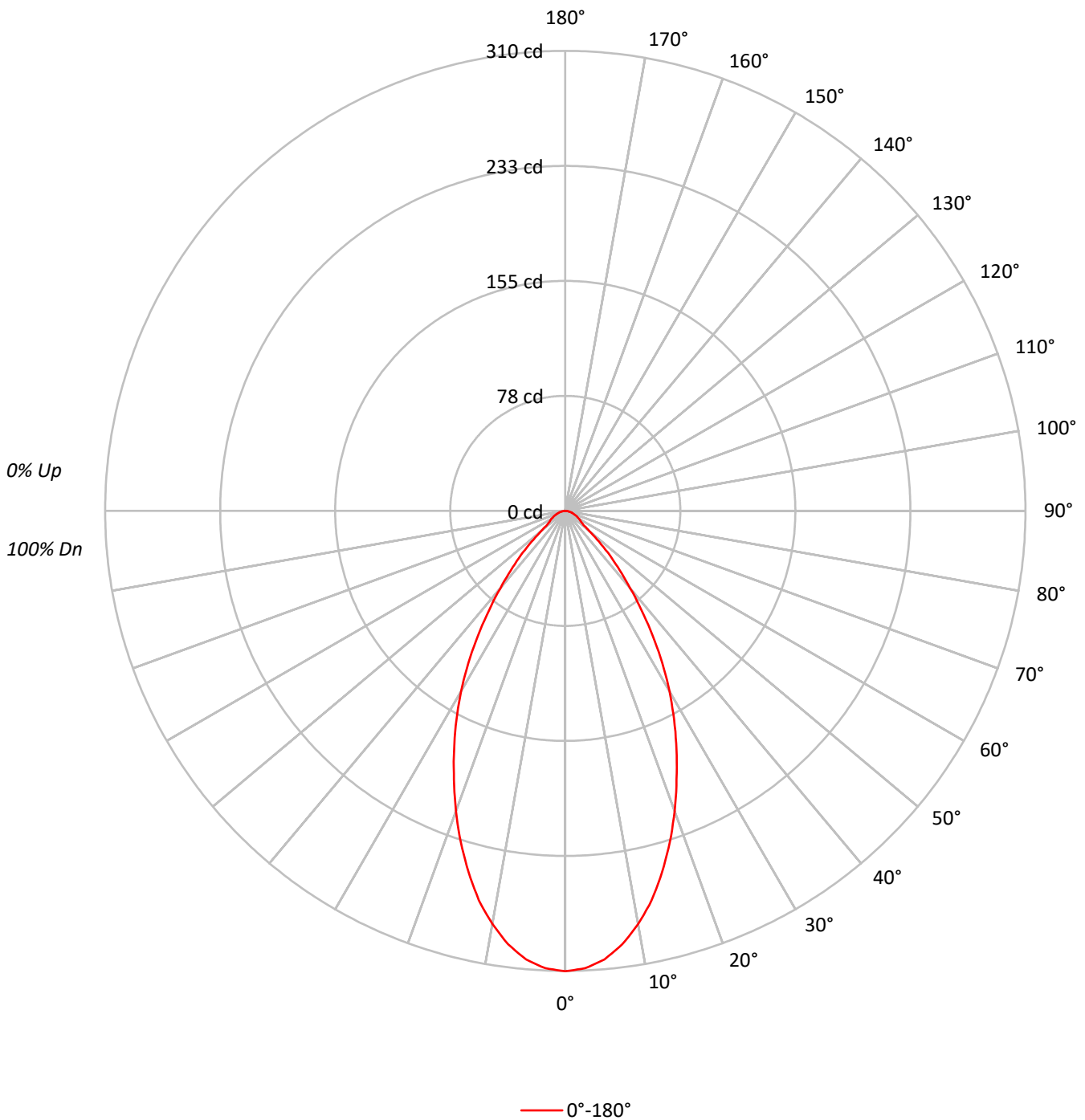
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 303.0 lumens
Efficiency: N/A
Efficacy: 24.6 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			0	
RW	70	50	30	10	70	50	30	10	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	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°	68021
5°	66784
10°	62947
15°	57185
20°	50241
25°	42898
30°	35524
35°	27412
40°	19494
45°	13149
50°	7164
55°	5046
60°	4736
65°	4410
70°	3911
75°	3728
80°	3031
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13149 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.3	9.3
10°-20°	70.2	23.2
20°-30°	81.1	26.8
30°-40°	63.9	21.1
40°-50°	32.8	10.8
50°-60°	12.6	4.1
60°-70°	8.3	2.7
70°-80°	4.5	1.5
80°-90°	1.3	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°	179.6	59.3
0°-40°	243.5	80.4
0°-60°	288.8	95.3
0°-90°	303.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	303.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	310	
5°	303	28
15°	252	70
25°	177	81
35°	102	64
45°	42	33
55°	13	13
65°	8	8
75°	4	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	310.2
2.5°	308.5
5°	303.4
7.5°	294.6
10°	282.7
12.5°	268.8
15°	251.9
17.5°	234.2
20°	215.3
22.5°	195.9
25°	177.3
27.5°	158.7
30°	140.3
32.5°	121.7
35°	102.4
37.5°	84.4
40°	68.1
42.5°	54.2
45°	42.4
47.5°	30.8
50°	21.0
52.5°	15.3
55°	13.2
57.5°	11.9
60°	10.8
62.5°	9.5
65°	8.5
67.5°	7.1
70°	6.1
72.5°	5.1
75°	4.4
77.5°	3.4
80°	2.4
82.5°	2.0
85°	1.0
87.5°	0.7
90°	0.0

(END OF REPORT)