

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: P3A13R40W2N902750DE010 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: P3A13R40W2N902750DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

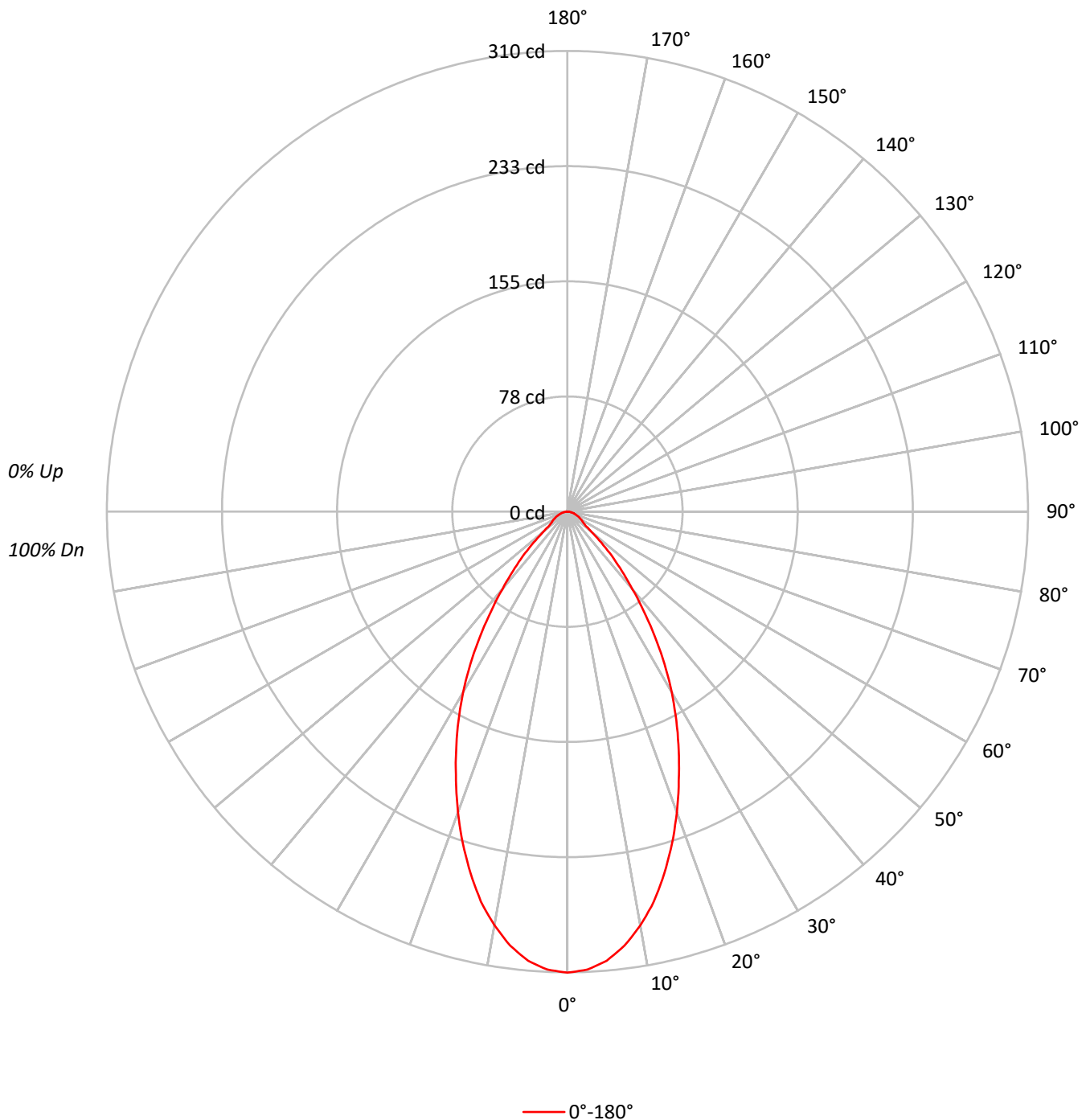
Lumens per Lamp: N/A
Luminaire Lumens: 303.0 lumens
Efficiency: N/A
Efficacy: 24.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		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)