

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: P1298886

Luminaire Tested: P3A13R70W2N902750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298886
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R70W2N902750DE010 E3DL1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

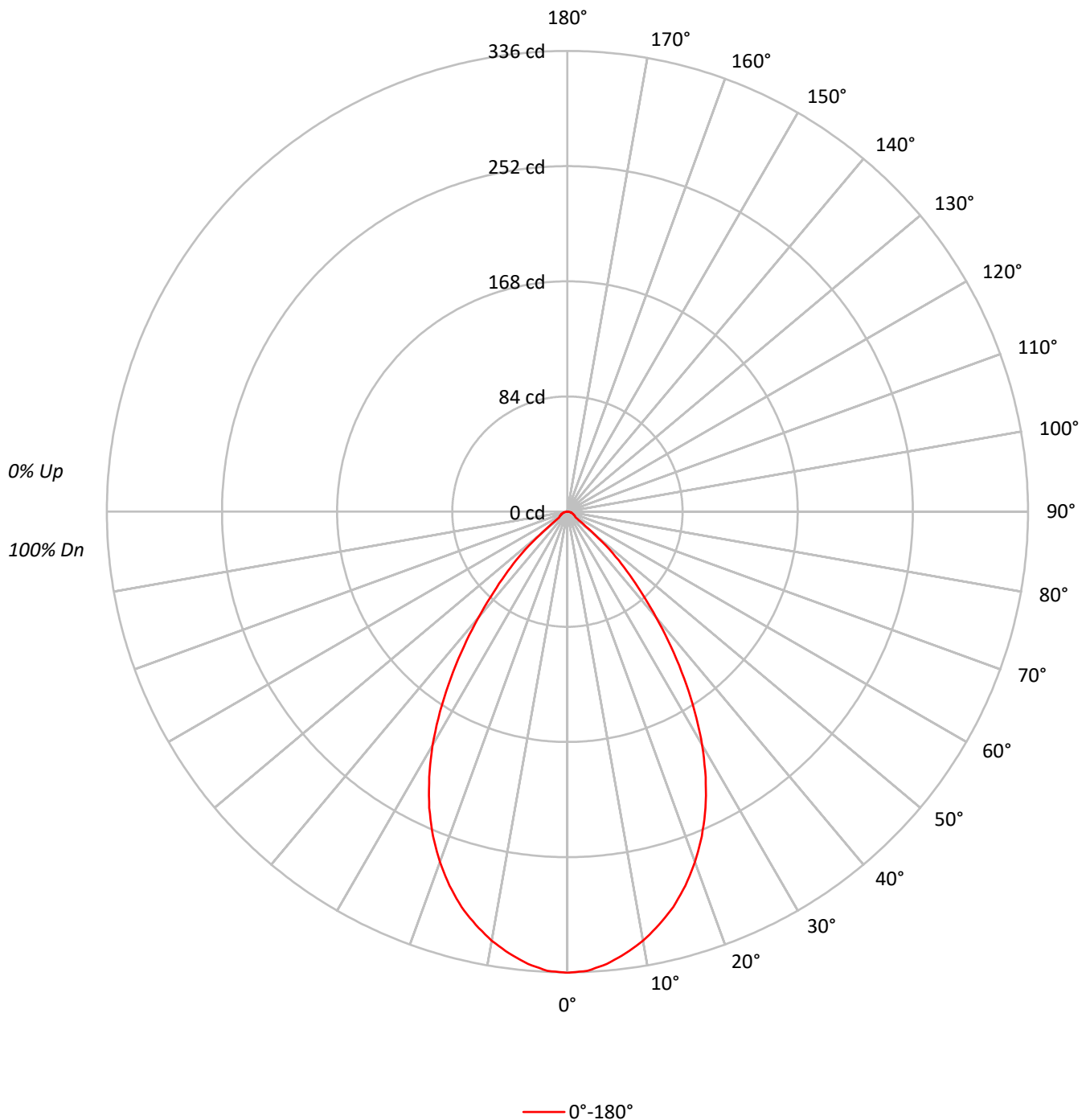
Lumens per Lamp: N/A
Luminaire Lumens: 381.0 lumens
Efficiency: N/A
Efficacy: 31.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1298886

CATALOG NUMBER: P3A13R70W2N902750DE010 E3DL1GPH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1298886

CATALOG NUMBER: P3A13R70W2N902750DE010 E3DL1GPH_5000K

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	107	104		110	107	105	103		103	101	100		100	98	97		96	95	94		92			
2	106	101	96	93		104	99	95	92		96	92	90		93	90	88		90	88	86		84			
3	100	93	88	83		98	92	87	82		89	85	81		86	83	80		84	81	79		77			
4	94	86	80	75		93	85	79	75		83	78	74		81	76	73		79	75	72		70			
5	89	80	73	69		87	79	73	68		77	72	68		75	71	67		74	70	66		65			
6	84	74	68	63		82	73	67	63		72	66	62		70	65	62		69	65	61		60			
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57		55			
8	75	65	58	53		74	64	58	53		63	57	53		62	57	53		61	56	53		51			
9	71	60	54	50		70	60	54	50		59	53	49		58	53	49		57	52	49		48			
10	67	57	50	46		66	56	50	46		55	50	46		55	49	46		54	49	46		44			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	73766
5°	72881
10°	70762
15°	67764
20°	63472
25°	57681
30°	49805
35°	39699
40°	28911
45°	19010
50°	8904
55°	2753
60°	2675
65°	2542
70°	2436
75°	2542
80°	2399
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19010 cd/sqm

TEST NUMBER: P1298886

CATALOG NUMBER: P3A13R70W2N902750DE010 E3DL1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.2	8.2
10°-20°	83.5	21.9
20°-30°	108.6	28.5
30°-40°	92.1	24.2
40°-50°	47.5	12.5
50°-60°	9.2	2.4
60°-70°	5.0	1.3
70°-80°	3.0	0.8
80°-90°	0.9	0.2
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°	223.3	58.6
0°-40°	315.4	82.8
0°-60°	372.1	97.7
0°-90°	381.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	381.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	336	
5°	331	31
15°	298	84
25°	238	109
35°	148	92
45°	61	48
55°	7	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1298886

CATALOG NUMBER: P3A13R70W2N902750DE010 E3DL1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	336.4
2.5°	335.2
5°	331.1
7.5°	325.0
10°	317.8
12.5°	308.7
15°	298.5
17.5°	286.0
20°	272.0
22.5°	256.2
25°	238.4
27.5°	218.3
30°	196.7
32.5°	172.9
35°	148.3
37.5°	124.1
40°	101.0
42.5°	79.5
45°	61.3
47.5°	45.0
50°	26.1
52.5°	11.4
55°	7.2
57.5°	6.8
60°	6.1
62.5°	5.7
65°	4.9
67.5°	4.5
70°	3.8
72.5°	3.4
75°	3.0
77.5°	2.3
80°	1.9
82.5°	1.1
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)