

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: P1274188

Luminaire Tested: P3A13R609830DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274188
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R609830DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

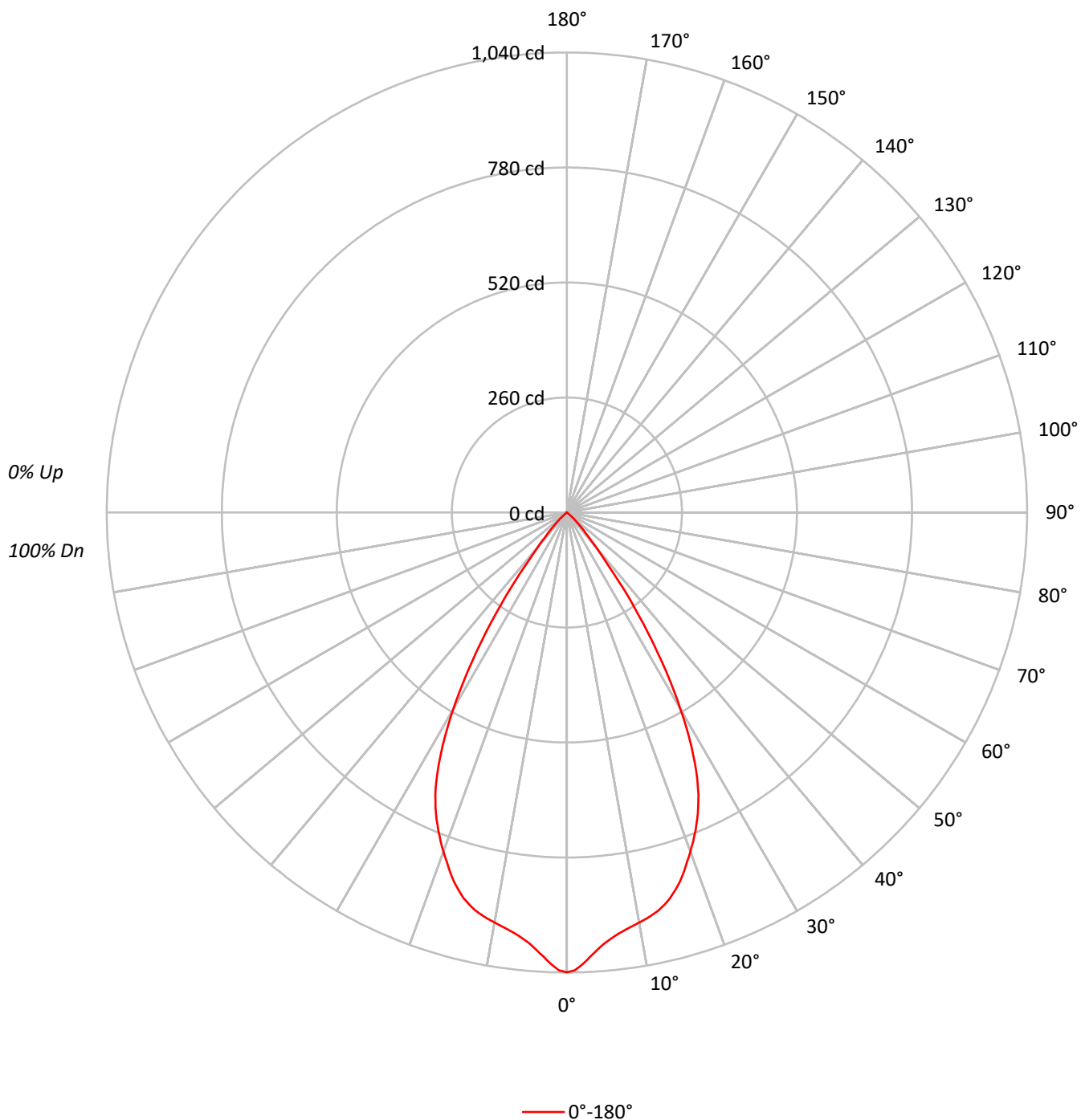
Lumens per Lamp: N/A
Luminaire Lumens: 870.0 lumens
Efficiency: N/A
Efficacy: 60.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1274188

CATALOG NUMBER: P3A13R609830DE010 E3D1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1274188

CATALOG NUMBER: P3A13R609830DE010 E3D1WH

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	227942
5°	215188
10°	209593
15°	204814
20°	190417
25°	170236
30°	130020
35°	75061
40°	29140
45°	12125
50°	2661
55°	421
60°	307
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12125 cd/sqm

TEST NUMBER: P1274188

CATALOG NUMBER: P3A13R609830DE010 E3D1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.3	10.6
10°-20°	251.3	28.9
20°-30°	314.7	36.2
30°-40°	176.0	20.2
40°-50°	33.4	3.8
50°-60°	1.7	0.2
60°-70°	0.4	0.0
70°-80°	0.2	0.0
80°-90°	0.0	0.0
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°	658.3	75.7
0°-40°	834.3	95.9
0°-60°	869.4	99.9
0°-90°	870.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	870.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1040	
5°	978	92
15°	902	251
25°	704	315
35°	280	176
45°	39	33
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1274188

CATALOG NUMBER: P3A13R609830DE010 E3D1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1039.5
1°	1035.3
2°	1021.8
3°	1005.7
4°	990.8
5°	977.6
6°	967.7
7°	959.1
8°	952.7
9°	946.7
10°	941.3
11°	936.0
12°	929.9
13°	922.5
14°	913.6
15°	902.2
16°	888.3
17°	872.6
18°	854.8
19°	834.6
20°	816.0
21°	796.1
22°	775.5
23°	753.8
24°	729.9
25°	703.6
26°	672.6
27°	638.1
28°	599.3
29°	558.0
30°	513.5
31°	468.7
32°	422.4
32.5°	397.2
33°	374.4
34°	327.1
35°	280.4
36°	238.4
37°	194.0
37.5°	173.7
38°	153.7
39°	123.8
40°	101.8
42.5°	61.9
45°	39.1



TEST NUMBER: P1274188

CATALOG NUMBER: P3A13R609830DE010 E3D1WH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	21.7
50°	7.8
52.5°	1.8
55°	1.1
57.5°	0.7
60°	0.7
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)