

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: P1247074

Luminaire Tested: P3A13R609024DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247074
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R609024DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

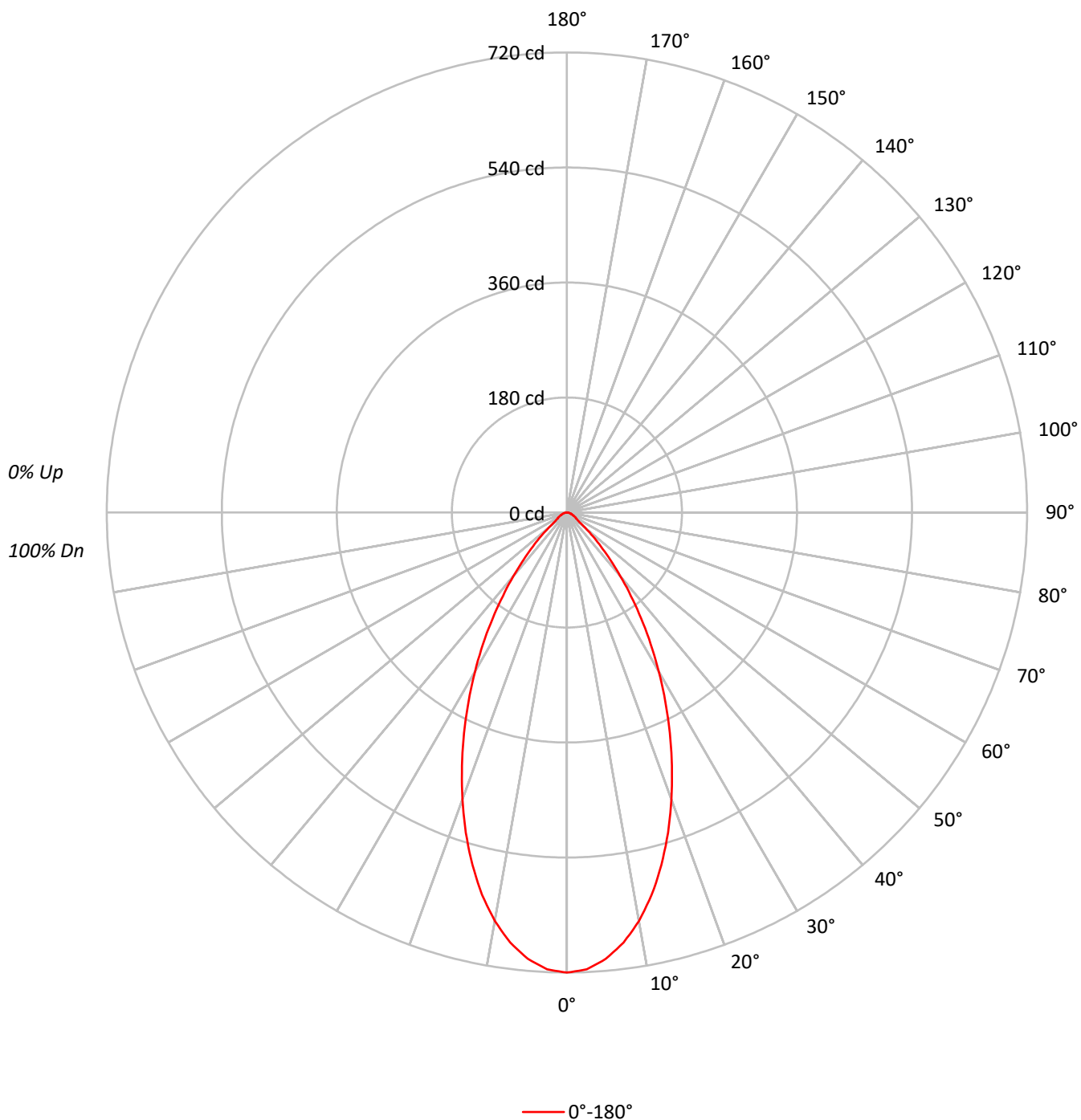
Lumens per Lamp: N/A
Luminaire Lumens: 623.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1247074

CATALOG NUMBER: P3A13R609024DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1247074

CATALOG NUMBER: P3A13R609024DE010 E3DLP1H

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	113	110	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	157882
5°	154347
10°	144509
15°	129649
20°	111473
25°	92183
30°	72847
35°	54101
40°	37241
45°	23351
50°	12861
55°	7531
60°	6754
65°	5759
70°	4937
75°	5083
80°	4293
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23351 cd/sqm

TEST NUMBER: P1247074

CATALOG NUMBER: P3A13R609024DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.3	10.5
10°-20°	158.6	25.5
20°-30°	174.0	27.9
30°-40°	126.7	20.3
40°-50°	59.9	9.6
50°-60°	19.6	3.1
60°-70°	11.1	1.8
70°-80°	6.0	1.0
80°-90°	1.9	0.3
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°	397.8	63.9
0°-40°	524.6	84.2
0°-60°	604.0	97.0
0°-90°	623.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	623.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	720	
5°	701	65
15°	571	159
25°	381	174
35°	202	127
45°	75	60
55°	20	20
65°	11	11
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1247074

CATALOG NUMBER: P3A13R609024DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	720.0
2.5°	715.7
5°	701.2
7.5°	678.9
10°	649.0
12.5°	613.0
15°	571.1
17.5°	525.7
20°	477.7
22.5°	428.9
25°	381.0
27.5°	333.0
30°	287.7
32.5°	244.0
35°	202.1
37.5°	164.4
40°	130.1
42.5°	100.2
45°	75.3
47.5°	54.8
50°	37.7
52.5°	24.8
55°	19.7
57.5°	17.1
60°	15.4
62.5°	12.8
65°	11.1
67.5°	9.4
70°	7.7
72.5°	6.8
75°	6.0
77.5°	4.3
80°	3.4
82.5°	2.6
85°	1.7
87.5°	0.9
90°	0.0

(END OF REPORT)