

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: P1247061

Luminaire Tested: P3A13R609024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247061
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R609024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

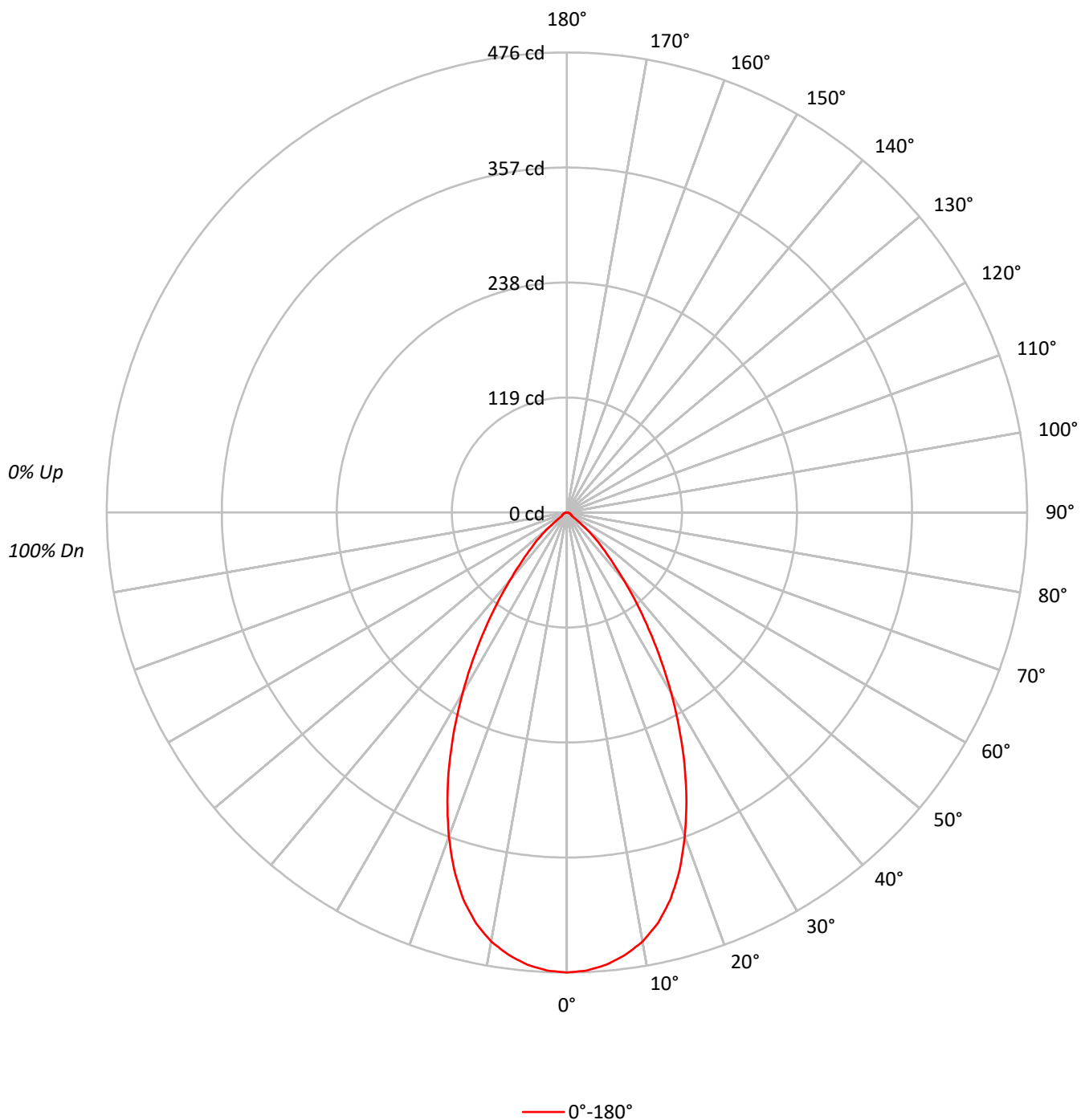
Lumens per Lamp: N/A
Luminaire Lumens: 442.0 lumens
Efficiency: N/A
Efficacy: 30.3 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1247061

CATALOG NUMBER: P3A13R609024DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1247061

CATALOG NUMBER: P3A13R609024DE010 E3DL1GPH

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93		
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85		
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80	79		
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73		
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63		
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59		
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55		
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51		
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104378
5°	103390
10°	100377
15°	94030
20°	83237
25°	69633
30°	54565
35°	39592
40°	26335
45°	16405
50°	8870
55°	2561
60°	2412
65°	2179
70°	2180
75°	2118
80°	2147
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 16405 cd/sqm

TEST NUMBER: P1247061

CATALOG NUMBER: P3A13R609024DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.2	10.0
10°-20°	114.9	26.0
20°-30°	131.0	29.6
30°-40°	92.9	21.0
40°-50°	42.1	9.5
50°-60°	8.9	2.0
60°-70°	4.3	1.0
70°-80°	2.7	0.6
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°	290.1	65.6
0°-40°	383.0	86.7
0°-60°	434.1	98.2
0°-90°	442.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	442.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	476	
5°	470	44
15°	414	115
25°	288	131
35°	148	93
45°	53	42
55°	7	9
65°	4	4
75°	2	3
85°	1	1
90°	0	

TEST NUMBER: P1247061

CATALOG NUMBER: P3A13R609024DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	476.0
2.5°	474.3
5°	469.7
7.5°	461.7
10°	450.8
12.5°	435.2
15°	414.2
17.5°	387.7
20°	356.7
22.5°	323.1
25°	287.8
27.5°	251.6
30°	215.5
32.5°	181.1
35°	147.9
37.5°	118.5
40°	92.0
42.5°	69.7
45°	52.9
47.5°	39.5
50°	26.0
52.5°	12.2
55°	6.7
57.5°	5.9
60°	5.5
62.5°	5.0
65°	4.2
67.5°	3.8
70°	3.4
72.5°	2.9
75°	2.5
77.5°	2.1
80°	1.7
82.5°	1.3
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)