

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: P1274190

Luminaire Tested: P3A13R609830DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274190
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: P3A13R609830DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

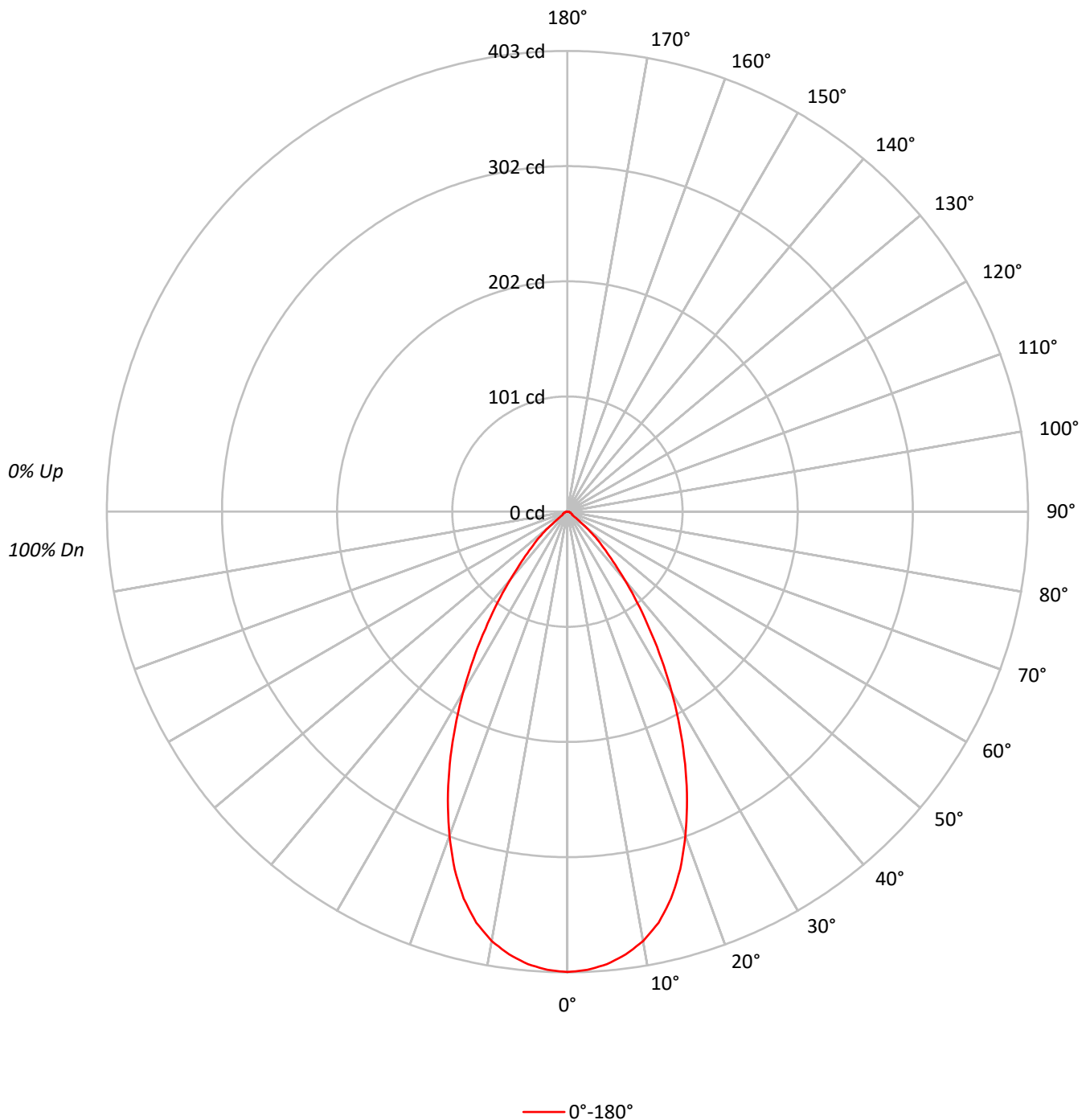
Lumens per Lamp: N/A
Luminaire Lumens: 374.0 lumens
Efficiency: N/A
Efficacy: 25.8 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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

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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
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	67	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°	88304
5°	87475
10°	84924
15°	79569
20°	70426
25°	58915
30°	46184
35°	33488
40°	22270
45°	13893
50°	7505
55°	2179
60°	2017
65°	1868
70°	1795
75°	1779
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13893 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.4	10.0
10°-20°	97.2	26.0
20°-30°	110.8	29.6
30°-40°	78.6	21.0
40°-50°	35.7	9.5
50°-60°	7.6	2.0
60°-70°	3.7	1.0
70°-80°	2.2	0.6
80°-90°	0.8	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°	245.5	65.6
0°-40°	324.1	86.7
0°-60°	367.3	98.2
0°-90°	374.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	374.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	403	
5°	397	37
15°	350	97
25°	244	111
35°	125	79
45°	45	36
55°	6	8
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	402.7
2.5°	401.3
5°	397.4
7.5°	390.7
10°	381.4
12.5°	368.3
15°	350.5
17.5°	328.1
20°	301.8
22.5°	273.4
25°	243.5
27.5°	212.9
30°	182.4
32.5°	153.2
35°	125.1
37.5°	100.2
40°	77.8
42.5°	59.0
45°	44.8
47.5°	33.4
50°	22.0
52.5°	10.3
55°	5.7
57.5°	5.0
60°	4.6
62.5°	4.3
65°	3.6
67.5°	3.2
70°	2.8
72.5°	2.5
75°	2.1
77.5°	1.8
80°	1.4
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)