

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: P1274248

Luminaire Tested: P3A13R709830DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274248
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: P3A13R709830DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

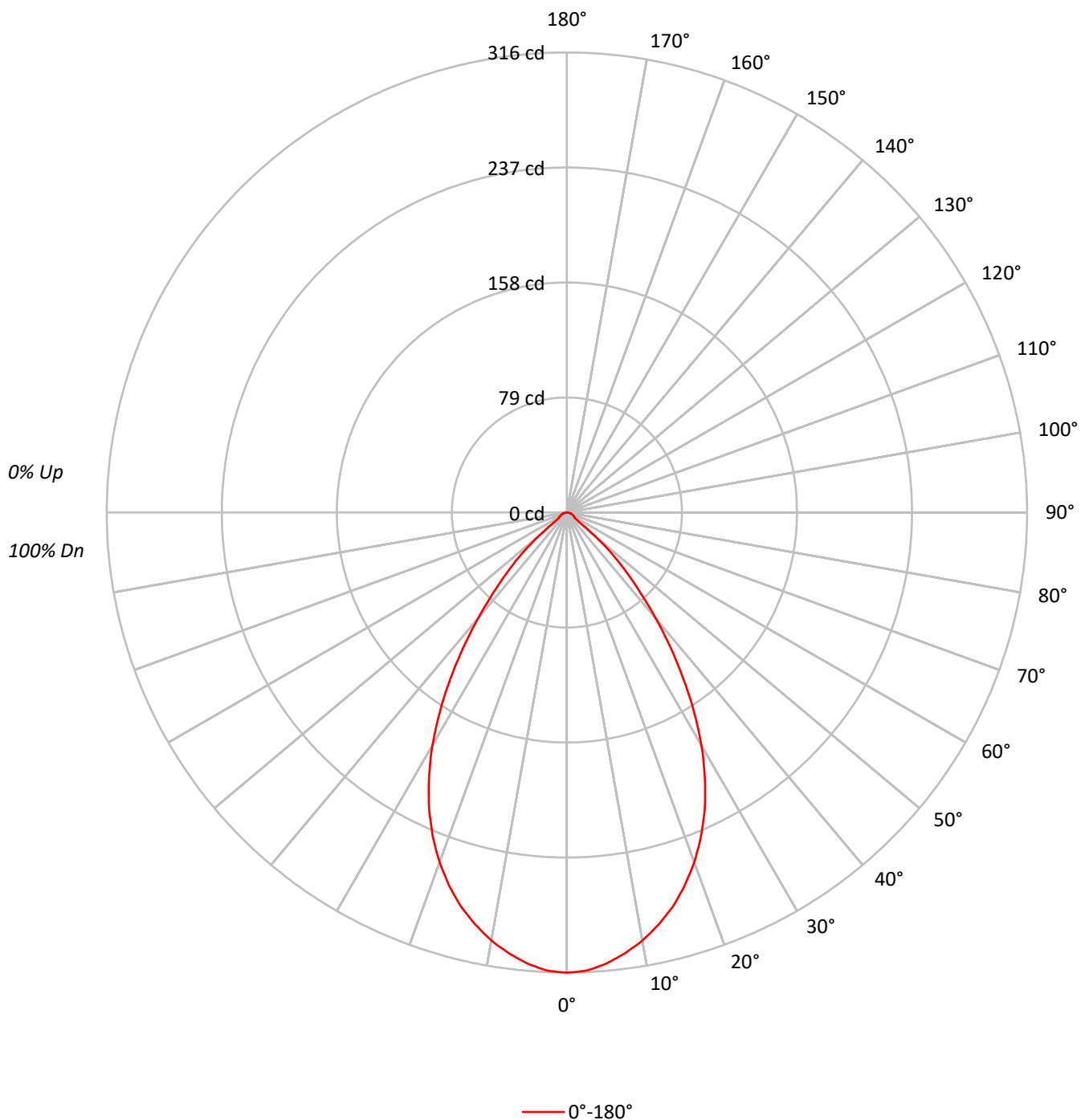
Lumens per Lamp: N/A
Luminaire Lumens: 358.0 lumens
Efficiency: N/A
Efficacy: 24.7 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	69315
5°	68479
10°	66487
15°	63678
20°	59645
25°	54197
30°	46817
35°	37316
40°	27165
45°	17862
50°	8358
55°	2600
60°	2500
65°	2387
70°	2308
75°	2372
80°	2273
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17862 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.3	8.2
10°-20°	78.5	21.9
20°-30°	102.0	28.5
30°-40°	86.6	24.2
40°-50°	44.6	12.5
50°-60°	8.6	2.4
60°-70°	4.7	1.3
70°-80°	2.8	0.8
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°	209.8	58.6
0°-40°	296.4	82.8
0°-60°	349.7	97.7
0°-90°	358.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	358.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	316	
5°	311	29
15°	280	79
25°	224	102
35°	139	87
45°	58	45
55°	7	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	316.1
2.5°	315.0
5°	311.1
7.5°	305.4
10°	298.6
12.5°	290.1
15°	280.5
17.5°	268.8
20°	255.6
22.5°	240.7
25°	224.0
27.5°	205.1
30°	184.9
32.5°	162.5
35°	139.4
37.5°	116.6
40°	94.9
42.5°	74.7
45°	57.6
47.5°	42.3
50°	24.5
52.5°	10.7
55°	6.8
57.5°	6.4
60°	5.7
62.5°	5.3
65°	4.6
67.5°	4.3
70°	3.6
72.5°	3.2
75°	2.8
77.5°	2.1
80°	1.8
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)