

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: P1272178

Luminaire Tested: P3AS13R709827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272178
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: P3AS13R709827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

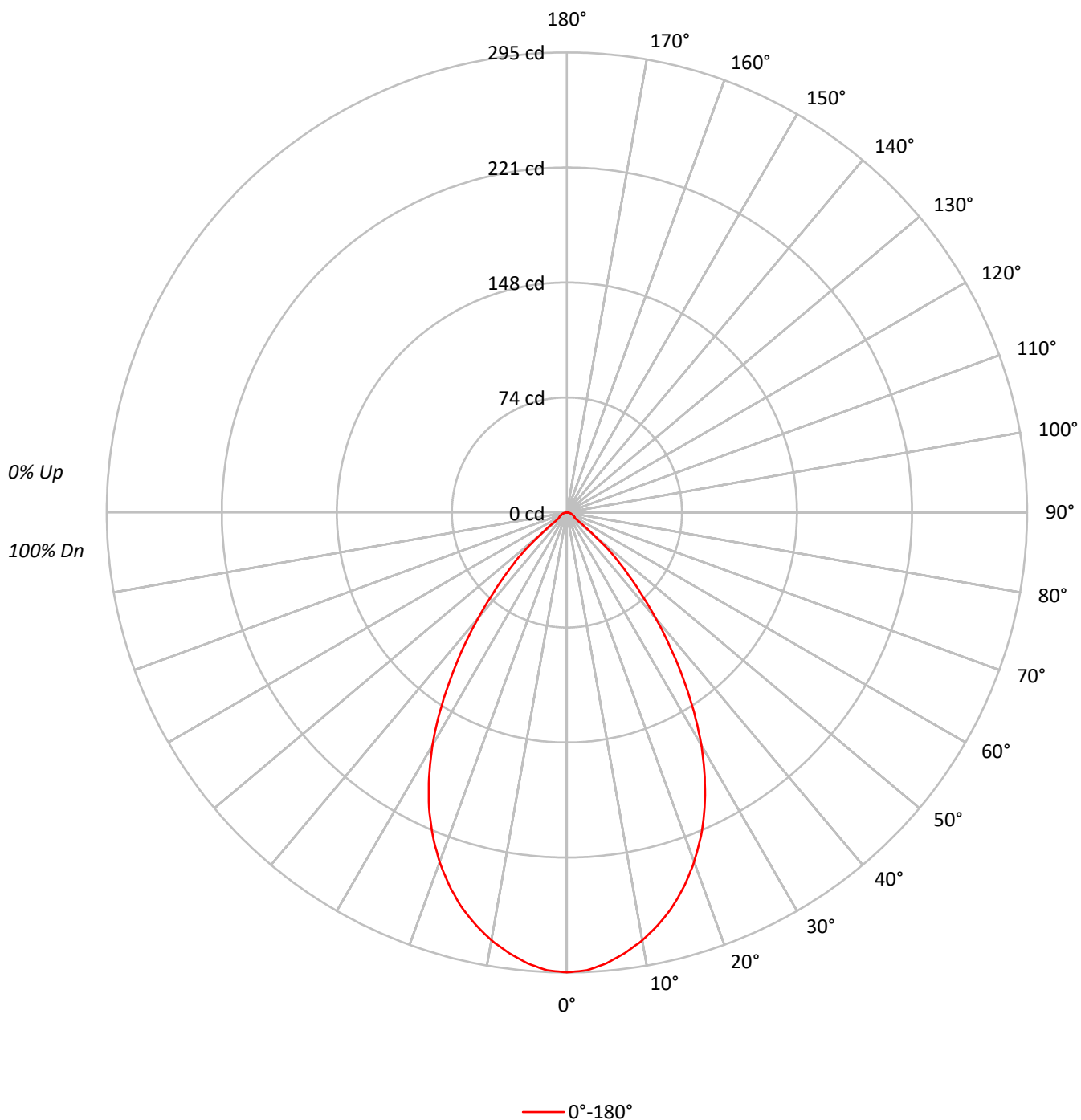
Lumens per Lamp: N/A
Luminaire Lumens: 334.1 lumens
Efficiency: N/A
Efficacy: 23.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	64666
5°	63878
10°	62034
15°	59410
20°	55655
25°	50567
30°	43678
35°	34800
40°	25362
45°	16653
50°	7812
55°	2409
60°	2324
65°	2231
70°	2116
75°	2288
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16653 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.3	8.2
10°-20°	73.2	21.9
20°-30°	95.2	28.5
30°-40°	80.8	24.2
40°-50°	41.7	12.5
50°-60°	8.0	2.4
60°-70°	4.4	1.3
70°-80°	2.7	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°	195.8	58.6
0°-40°	276.6	82.8
0°-60°	326.3	97.7
0°-90°	334.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	334.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	295	
5°	290	27
15°	262	73
25°	209	95
35°	130	81
45°	54	42
55°	6	8
65°	4	4
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	294.9
2.5°	293.9
5°	290.2
7.5°	284.9
10°	278.6
12.5°	270.7
15°	261.7
17.5°	250.8
20°	238.5
22.5°	224.6
25°	209.0
27.5°	191.4
30°	172.5
32.5°	151.6
35°	130.0
37.5°	108.8
40°	88.6
42.5°	69.7
45°	53.7
47.5°	39.5
50°	22.9
52.5°	10.0
55°	6.3
57.5°	6.0
60°	5.3
62.5°	5.0
65°	4.3
67.5°	4.0
70°	3.3
72.5°	3.0
75°	2.7
77.5°	2.0
80°	1.7
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)