

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: P1270364

Luminaire Tested: P3A17R659740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270364
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R659740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

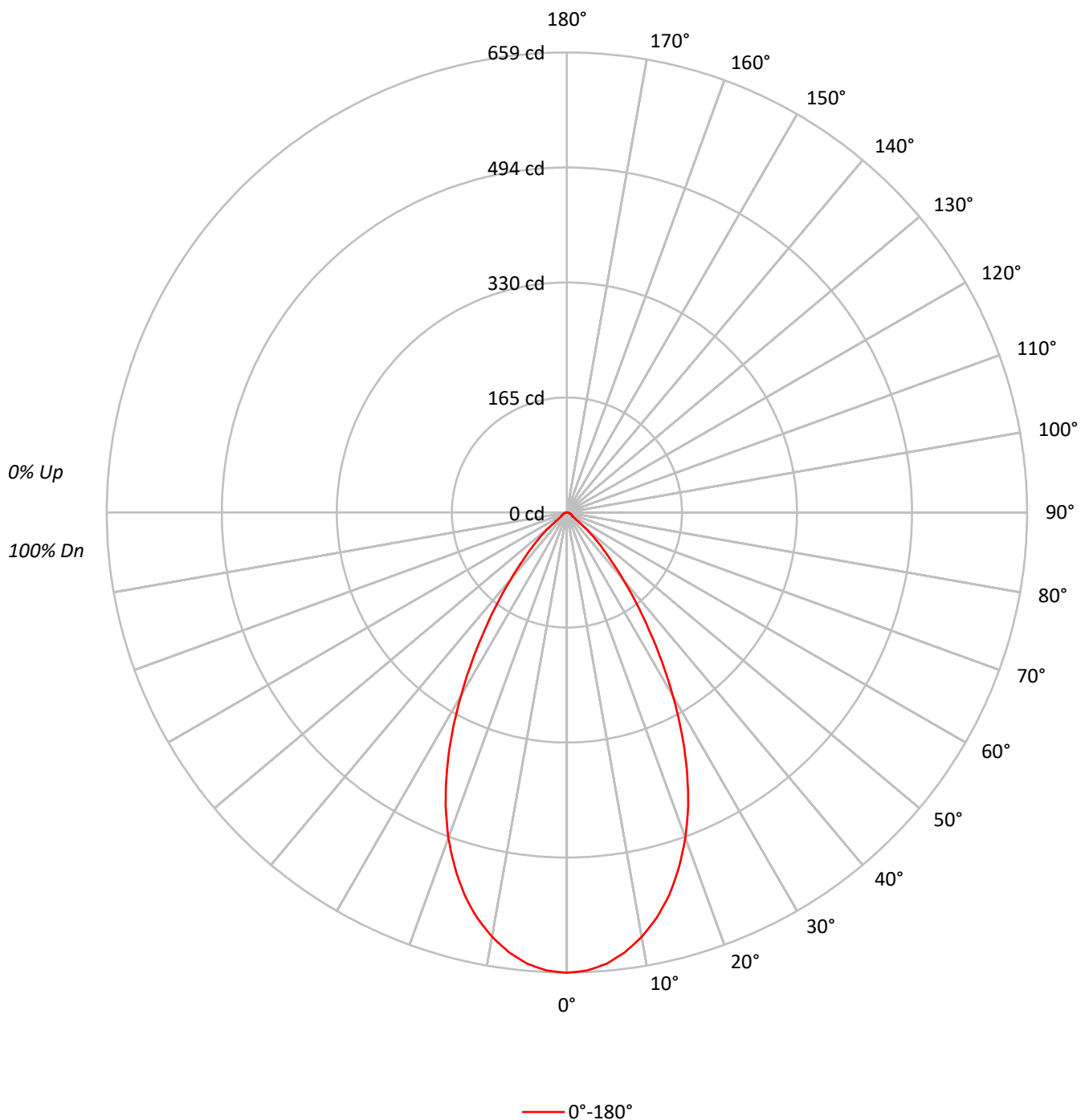
Lumens per Lamp: N/A
Luminaire Lumens: 613.0 lumens
Efficiency: N/A
Efficacy: 28.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102			100
1	113	110	107	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	90	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	74			73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69			68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64			63
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60			58
8	77	67	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	59	54	50	59	53	50	58	53	50	57	53	49			48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	144572
5°	142835
10°	137406
15°	128718
20°	115767
25°	98304
30°	76898
35°	54797
40°	35867
45°	22173
50°	11258
55°	3976
60°	3465
65°	3476
70°	3142
75°	3135
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22173 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.9	9.9
10°-20°	157.8	25.7
20°-30°	184.4	30.1
30°-40°	128.9	21.0
40°-50°	56.7	9.3
50°-60°	12.6	2.1
60°-70°	6.4	1.0
70°-80°	3.9	0.6
80°-90°	1.3	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°	403.1	65.8
0°-40°	532.0	86.8
0°-60°	601.4	98.1
0°-90°	613.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	613.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	659	
5°	649	61
15°	567	158
25°	406	184
35°	205	129
45°	72	57
55°	10	13
65°	7	6
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	659.3
2.5°	656.8
5°	648.9
7.5°	635.4
10°	617.1
12.5°	594.5
15°	567.0
17.5°	533.4
20°	496.1
22.5°	454.0
25°	406.3
27.5°	356.2
30°	303.7
32.5°	253.0
35°	204.7
37.5°	162.5
40°	125.3
42.5°	94.7
45°	71.5
47.5°	52.5
50°	33.0
52.5°	17.1
55°	10.4
57.5°	9.2
60°	7.9
62.5°	7.3
65°	6.7
67.5°	5.5
70°	4.9
72.5°	4.3
75°	3.7
77.5°	3.1
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)