

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: P1264850

Luminaire Tested: P3A09R659730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264850
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: P3A09R659730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

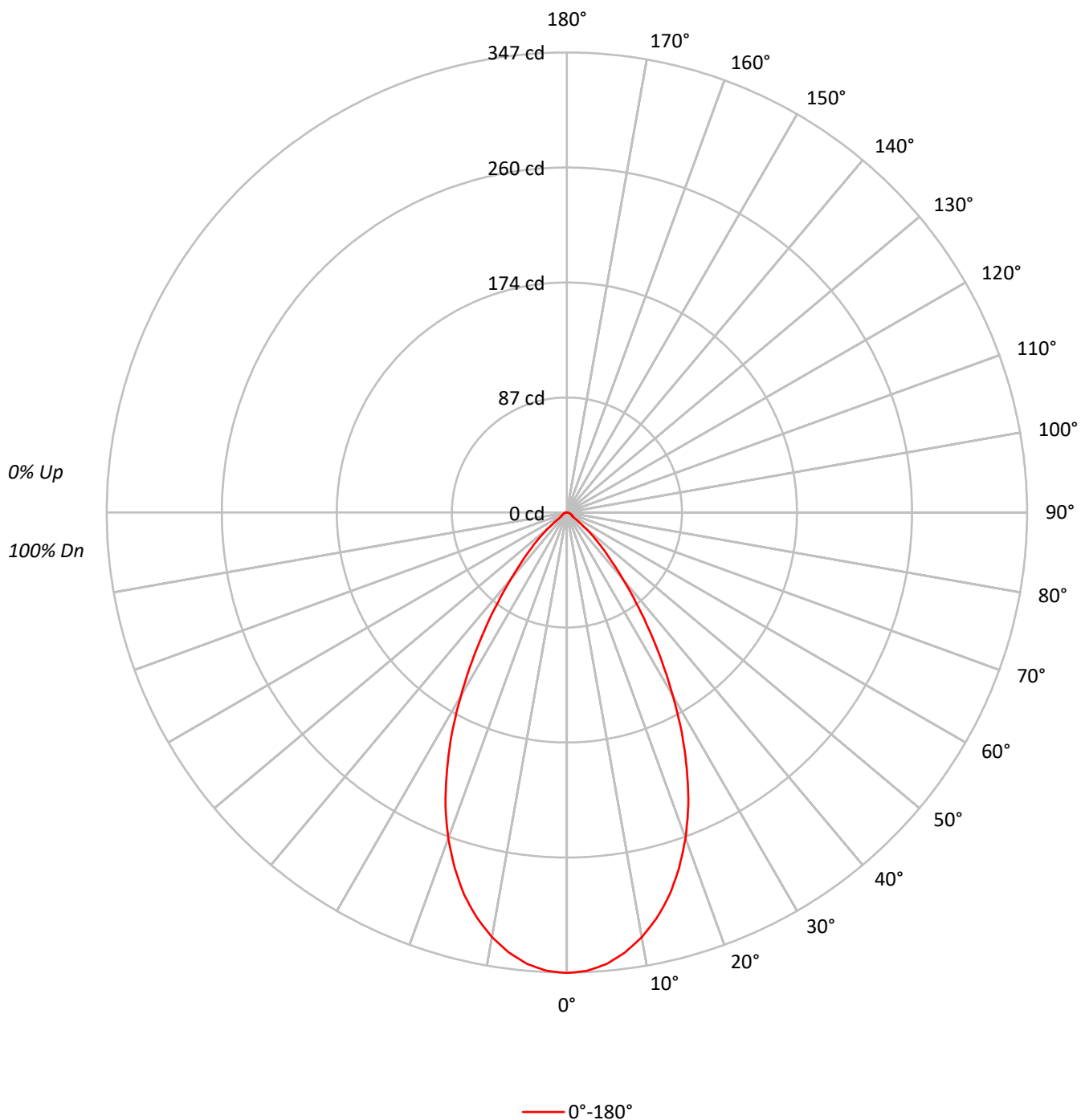
Lumens per Lamp: N/A
Luminaire Lumens: 323.0 lumens
Efficiency: N/A
Efficacy: 29.1 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	76178
5°	75258
10°	72410
15°	67832
20°	60999
25°	51801
30°	40513
35°	28884
40°	18893
45°	11691
50°	5936
55°	2103
60°	1842
65°	1816
70°	1667
75°	1610
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11691 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.1	9.9
10°-20°	83.2	25.7
20°-30°	97.2	30.1
30°-40°	67.9	21.0
40°-50°	29.9	9.3
50°-60°	6.7	2.1
60°-70°	3.4	1.0
70°-80°	2.0	0.6
80°-90°	0.7	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°	212.4	65.8
0°-40°	280.3	86.8
0°-60°	316.9	98.1
0°-90°	323.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	323.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	347	
5°	342	32
15°	299	83
25°	214	97
35°	108	68
45°	38	30
55°	6	7
65°	4	3
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	347.4
2.5°	346.1
5°	341.9
7.5°	334.8
10°	325.2
12.5°	313.2
15°	298.8
17.5°	281.1
20°	261.4
22.5°	239.2
25°	214.1
27.5°	187.7
30°	160.0
32.5°	133.3
35°	107.9
37.5°	85.6
40°	66.0
42.5°	49.9
45°	37.7
47.5°	27.7
50°	17.4
52.5°	9.0
55°	5.5
57.5°	4.8
60°	4.2
62.5°	3.9
65°	3.5
67.5°	2.9
70°	2.6
72.5°	2.3
75°	1.9
77.5°	1.6
80°	1.3
82.5°	1.0
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)