

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: P1263892

Luminaire Tested: P3A02R359730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263892
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R359730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

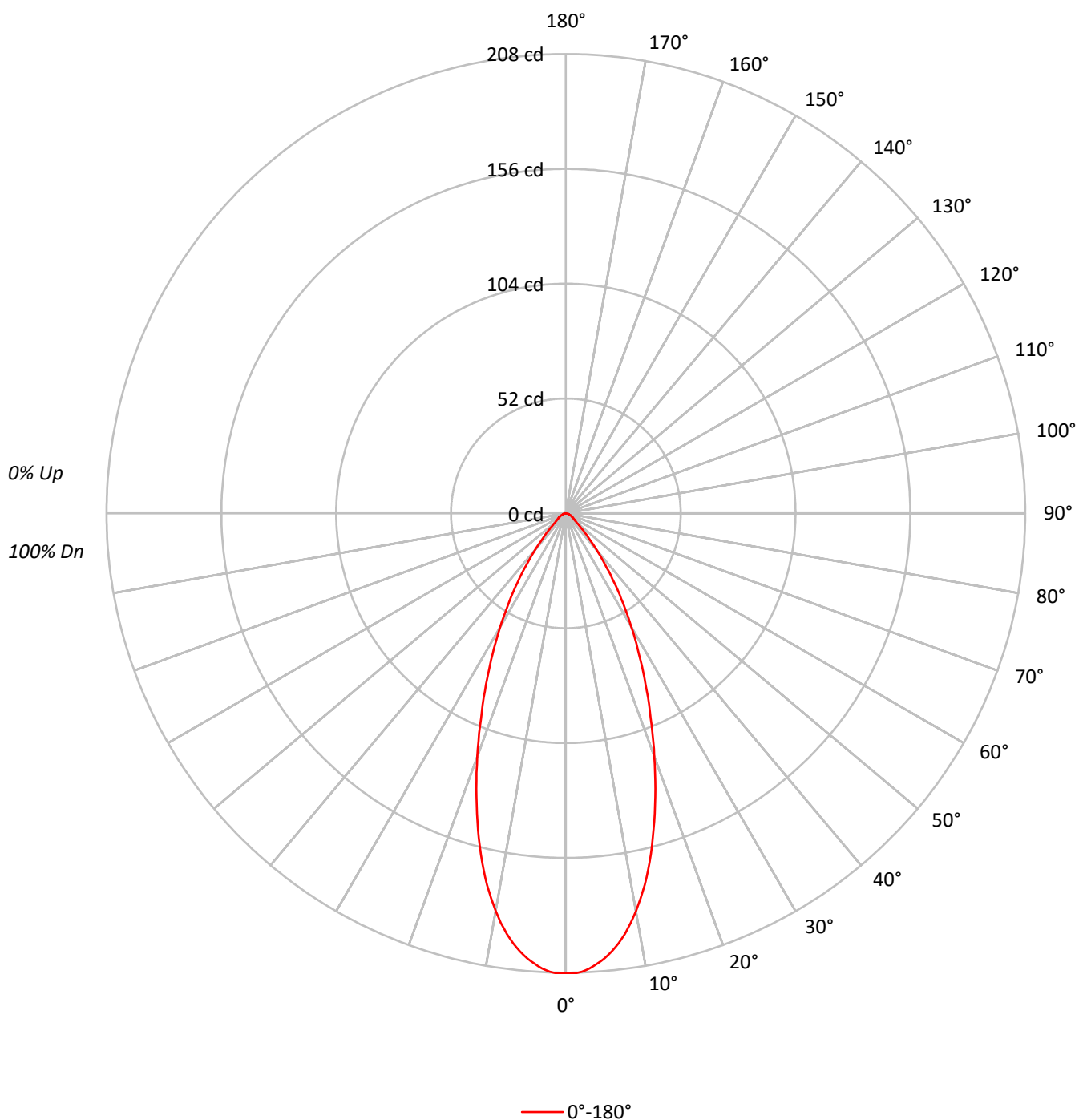
Lumens per Lamp: N/A
Luminaire Lumens: 142.0 lumens
Efficiency: N/A
Efficacy: 39.4 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45632
5°	44508
10°	40703
15°	34552
20°	27349
25°	20687
30°	15066
35°	10172
40°	6269
45°	3597
50°	2149
55°	1759
60°	1535
65°	1349
70°	1090
75°	1101
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3597 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.7	13.2
10°-20°	42.0	29.6
20°-30°	39.3	27.6
30°-40°	24.0	16.9
40°-50°	9.5	6.7
50°-60°	4.1	2.9
60°-70°	2.6	1.8
70°-80°	1.4	1.0
80°-90°	0.5	0.3
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°	99.9	70.4
0°-40°	123.9	87.3
0°-60°	137.5	96.9
0°-90°	142.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	142.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	208	
5°	202	19
15°	152	42
25°	86	39
35°	38	24
45°	12	9
55°	5	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	208.1
1°	208.4
2°	207.7
3°	206.4
4°	204.4
5°	202.2
6°	199.4
7°	196.1
8°	192.2
9°	187.8
10°	182.8
11°	177.5
12°	171.9
13°	165.7
14°	159.0
15°	152.2
17.5°	134.7
20°	117.2
22.5°	100.4
25°	85.5
27.5°	71.7
30°	59.5
32.5°	48.1
35°	38.0
37.5°	29.1
40°	21.9
42.5°	15.7
45°	11.6
47.5°	8.3
50°	6.3
52.5°	5.2
55°	4.6
57.5°	3.9
60°	3.5
62.5°	3.1
65°	2.6
67.5°	2.2
70°	1.7
72.5°	1.5
75°	1.3
77.5°	1.1
80°	0.9
82.5°	0.7
85°	0.4
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)