

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: P1269918

Luminaire Tested: P3A13R459740DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269918
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R459740DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

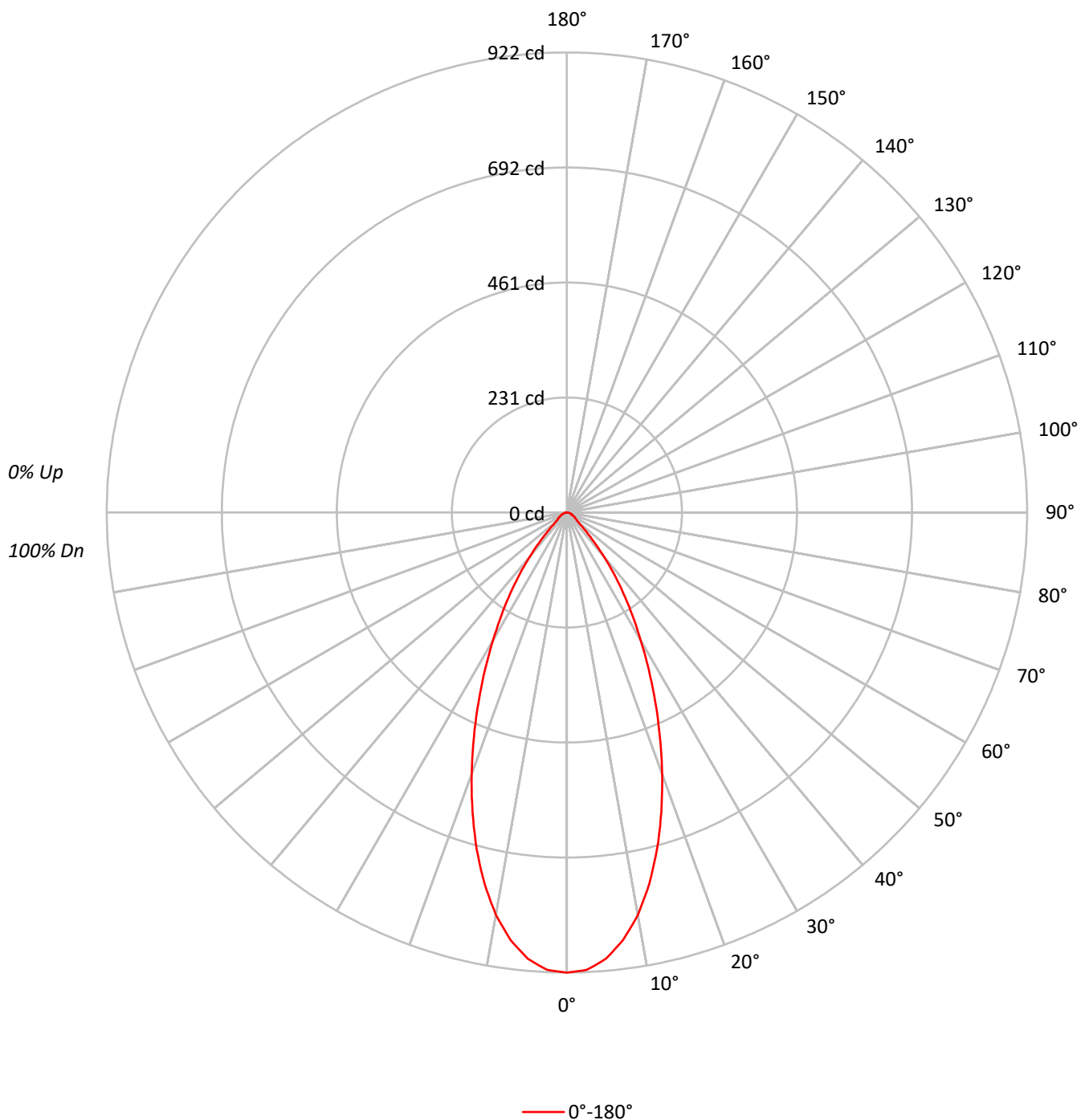
Lumens per Lamp: N/A
Luminaire Lumens: 678.9 lumens
Efficiency: N/A
Efficacy: 46.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	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	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	202243
5°	197644
10°	182317
15°	158525
20°	130235
25°	101328
30°	74822
35°	52655
40°	32862
45°	17800
50°	9620
55°	8258
60°	7412
65°	6330
70°	5450
75°	5592
80°	4799
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17800 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.2	12.2
10°-20°	193.1	28.4
20°-30°	191.7	28.2
30°-40°	123.4	18.2
40°-50°	47.5	7.0
50°-60°	19.3	2.8
60°-70°	12.2	1.8
70°-80°	6.6	1.0
80°-90°	2.0	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°	467.9	68.9
0°-40°	591.3	87.1
0°-60°	658.1	96.9
0°-90°	678.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	678.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	922	
5°	898	83
15°	698	193
25°	419	192
35°	197	123
45°	57	48
55°	22	19
65°	12	12
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	922.3
2.5°	917.6
5°	897.9
7.5°	864.0
10°	818.8
12.5°	762.3
15°	698.3
17.5°	628.7
20°	558.1
22.5°	486.6
25°	418.8
27.5°	354.8
30°	295.5
32.5°	243.8
35°	196.7
37.5°	154.3
40°	114.8
42.5°	82.8
45°	57.4
47.5°	38.6
50°	28.2
52.5°	23.5
55°	21.6
57.5°	18.8
60°	16.9
62.5°	14.1
65°	12.2
67.5°	10.4
70°	8.5
72.5°	7.5
75°	6.6
77.5°	4.7
80°	3.8
82.5°	2.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)