

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: P1264020

Luminaire Tested: P3A02R559730DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264020
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R559730DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

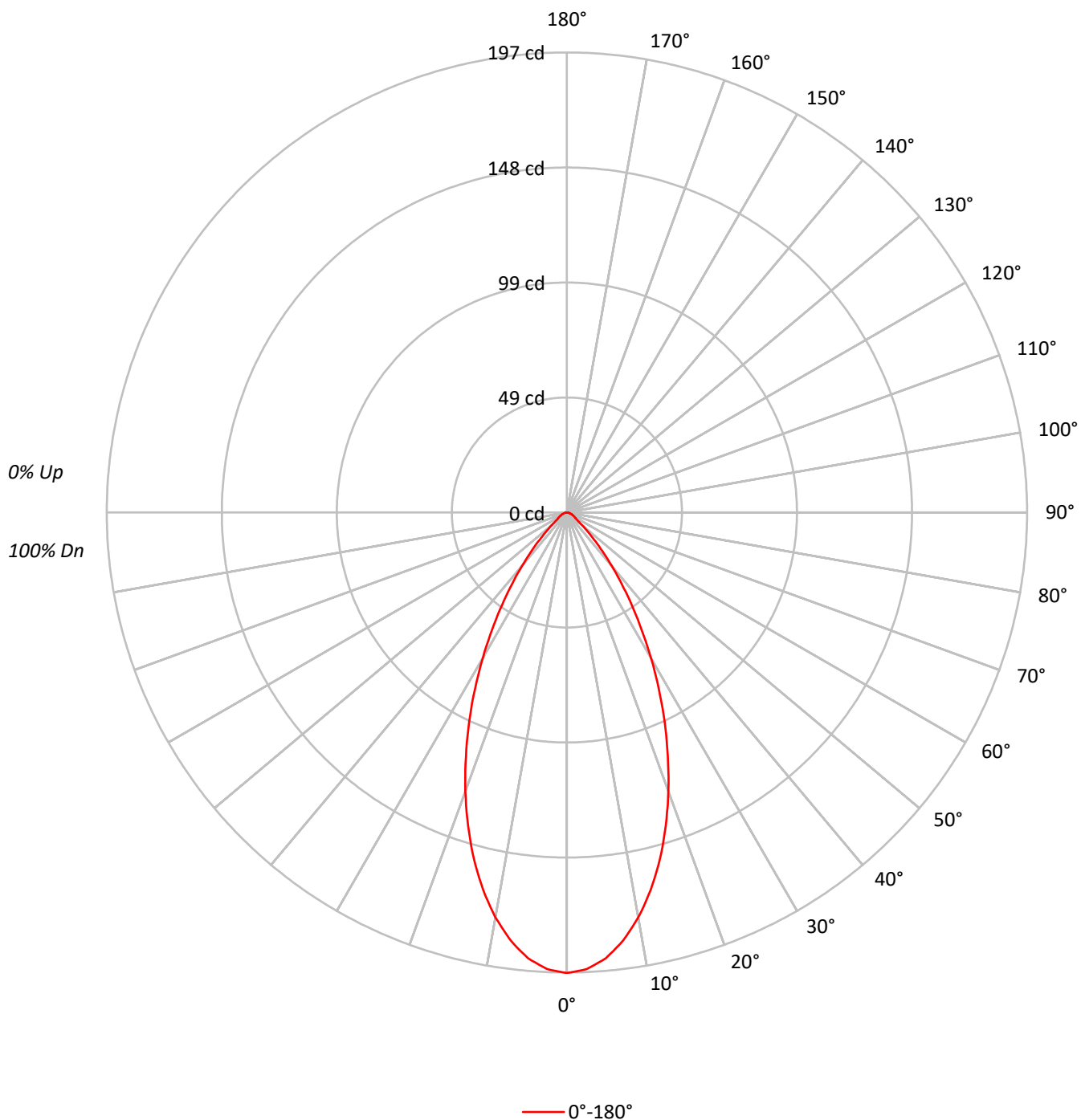
Lumens per Lamp: N/A
Luminaire Lumens: 159.0 lumens
Efficiency: N/A
Efficacy: 44.2 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	105	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
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	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	43242
5°	42175
10°	39211
15°	34915
20°	29659
25°	23953
30°	18256
35°	12983
40°	8559
45°	5086
50°	2968
55°	1835
60°	1623
65°	1453
70°	1282
75°	1101
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5086 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.8	11.2
10°-20°	42.6	26.8
20°-30°	45.2	28.4
30°-40°	30.5	19.2
40°-50°	13.4	8.4
50°-60°	4.8	3.0
60°-70°	2.8	1.8
70°-80°	1.5	0.9
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°	105.6	66.4
0°-40°	136.1	85.6
0°-60°	154.2	97.0
0°-90°	159.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	159.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	197	
5°	192	18
15°	154	43
25°	99	45
35°	48	30
45°	16	13
55°	5	5
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	197.2
2.5°	195.7
5°	191.6
7.5°	184.8
10°	176.1
12.5°	165.6
15°	153.8
17.5°	140.7
20°	127.1
22.5°	112.9
25°	99.0
27.5°	85.2
30°	72.1
32.5°	59.6
35°	48.5
37.5°	38.4
40°	29.9
42.5°	22.5
45°	16.4
47.5°	12.0
50°	8.7
52.5°	6.1
55°	4.8
57.5°	4.4
60°	3.7
62.5°	3.3
65°	2.8
67.5°	2.4
70°	2.0
72.5°	1.7
75°	1.3
77.5°	1.1
80°	0.9
82.5°	0.7
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)