

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: P1268824

Luminaire Tested: P3A02R659740DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268824
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: P3A02R659740DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

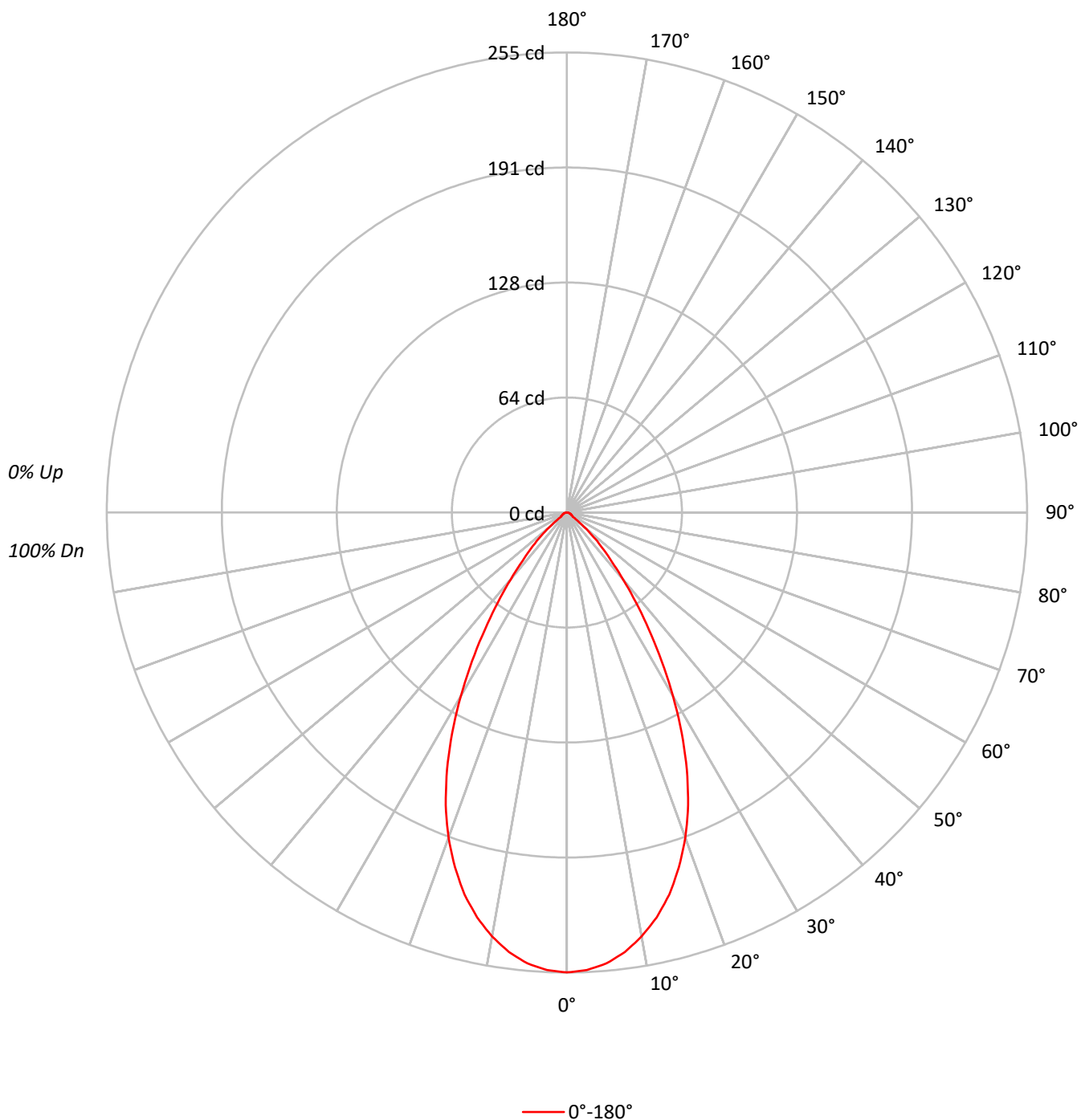
Lumens per Lamp: N/A
Luminaire Lumens: 236.9 lumens
Efficiency: N/A
Efficacy: 65.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	55895
5°	55228
10°	53127
15°	49762
20°	44757
25°	38010
30°	29726
35°	21174
40°	13855
45°	8559
50°	4367
55°	1529
60°	1360
65°	1349
70°	1218
75°	1186
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8559 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	9.9
10°-20°	61.0	25.7
20°-30°	71.3	30.1
30°-40°	49.8	21.0
40°-50°	21.9	9.3
50°-60°	4.9	2.1
60°-70°	2.5	1.0
70°-80°	1.5	0.6
80°-90°	0.5	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°	155.9	65.8
0°-40°	205.7	86.8
0°-60°	232.5	98.1
0°-90°	236.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	236.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	255	
5°	251	24
15°	219	61
25°	157	71
35°	79	50
45°	28	22
55°	4	5
65°	3	2
75°	1	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	254.9
2.5°	253.9
5°	250.9
7.5°	245.7
10°	238.6
12.5°	229.8
15°	219.2
17.5°	206.2
20°	191.8
22.5°	175.5
25°	157.1
27.5°	137.7
30°	117.4
32.5°	97.8
35°	79.1
37.5°	62.8
40°	48.4
42.5°	36.6
45°	27.6
47.5°	20.3
50°	12.8
52.5°	6.6
55°	4.0
57.5°	3.5
60°	3.1
62.5°	2.8
65°	2.6
67.5°	2.1
70°	1.9
72.5°	1.7
75°	1.4
77.5°	1.2
80°	0.9
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)