

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: P1245889

Luminaire Tested: P3A02R659024DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245889
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R659024DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

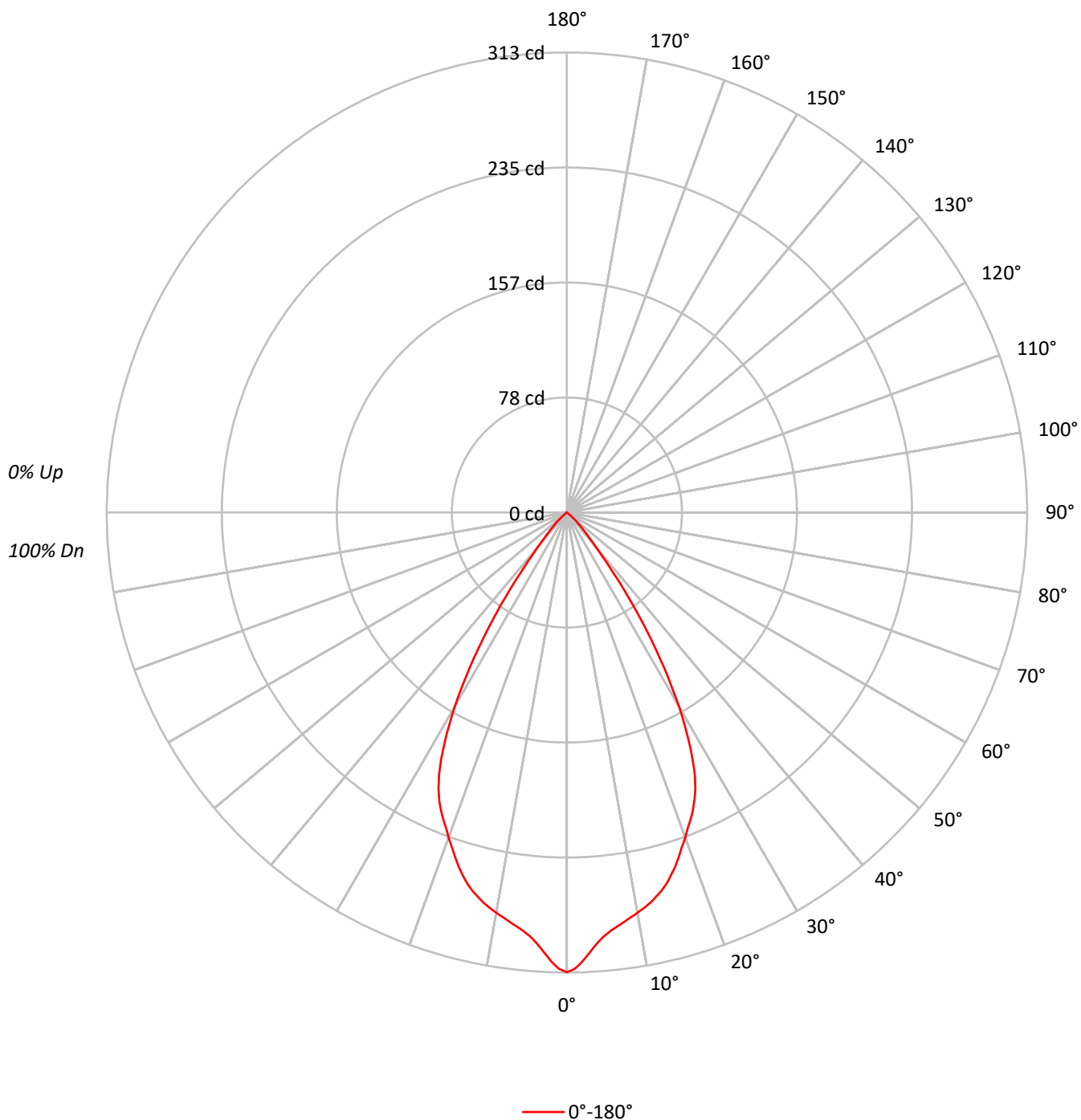
Lumens per Lamp: N/A
Luminaire Lumens: 256.0 lumens
Efficiency: N/A
Efficacy: 71.1 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	68591
5°	63702
10°	61589
15°	59365
20°	54885
25°	50011
30°	38639
35°	22406
40°	8874
45°	3783
50°	887
55°	115
60°	88
65°	52
70°	64
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3783 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.3	10.7
10°-20°	72.9	28.5
20°-30°	92.2	36.0
30°-40°	52.5	20.5
40°-50°	10.4	4.1
50°-60°	0.5	0.2
60°-70°	0.1	0.1
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	192.4	75.1
0°-40°	244.9	95.7
0°-60°	255.8	99.9
0°-90°	256.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	256.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	313	
5°	289	27
15°	262	73
25°	207	92
35°	84	53
45°	12	10
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	312.8
1°	310.5
2°	305.5
3°	299.6
4°	293.8
5°	289.4
6°	286.1
7°	283.5
8°	281.2
9°	278.8
10°	276.6
11°	274.2
12°	271.7
13°	268.6
14°	265.4
15°	261.5
16°	256.8
17°	251.8
18°	246.3
19°	240.5
20°	235.2
21°	229.7
22°	224.8
23°	219.6
24°	213.6
25°	206.7
26°	198.3
27°	188.3
28°	177.1
29°	165.1
30°	152.6
31°	138.8
32°	125.1
32.5°	118.1
33°	111.2
34°	97.3
35°	83.7
36°	71.0
37°	58.5
37.5°	52.1
38°	46.9
39°	38.0
40°	31.0
42.5°	19.2
45°	12.2



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	7.2
50°	2.6
52.5°	0.5
55°	0.3
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.1
67.5°	0.1
70°	0.1
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)