

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: P1273182

Luminaire Tested: P3A02R659830DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273182
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: P3A02R659830DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

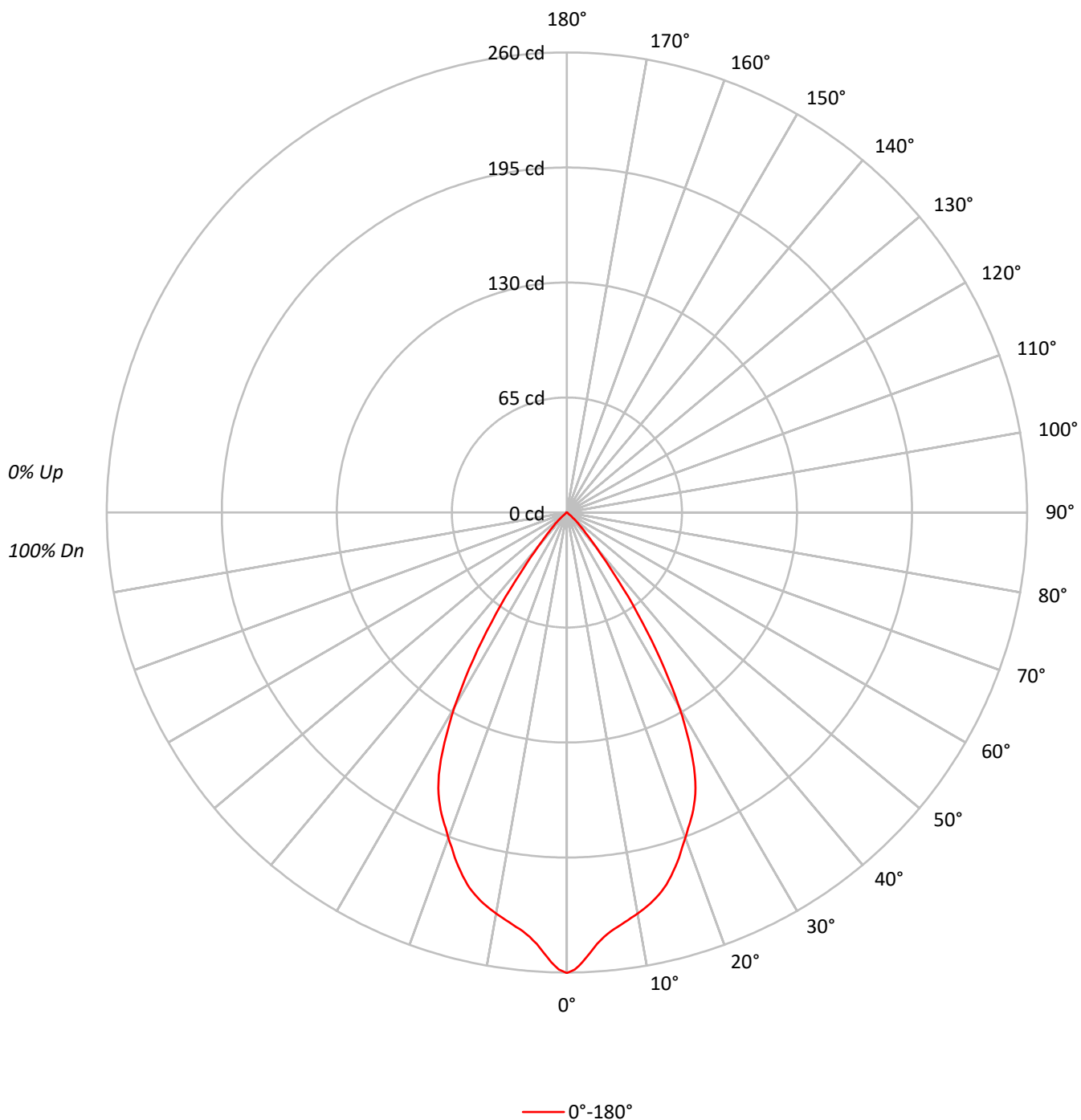
Lumens per Lamp: N/A
Luminaire Lumens: 213.0 lumens
Efficiency: N/A
Efficacy: 59.2 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1273182

CATALOG NUMBER: P3A02R659830DE010 E3D1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1273182

CATALOG NUMBER: P3A02R659830DE010 E3D1WH

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	87	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		67
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°	57079
5°	53004
10°	51257
15°	49399
20°	45667
25°	41591
30°	32132
35°	18631
40°	7385
45°	3163
50°	751
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: 3163 cd/sqm

TEST NUMBER: P1273182

CATALOG NUMBER: P3A02R659830DE010 E3D1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.7	10.7
10°-20°	60.6	28.5
20°-30°	76.7	36.0
30°-40°	43.7	20.5
40°-50°	8.7	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°	160.0	75.1
0°-40°	203.7	95.6
0°-60°	212.9	99.9
0°-90°	213.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	213.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	260	
5°	241	23
15°	218	61
25°	172	77
35°	70	44
45°	10	9
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1273182

CATALOG NUMBER: P3A02R659830DE010 E3D1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	260.3
1°	258.4
2°	254.2
3°	249.3
4°	244.4
5°	240.8
6°	238.0
7°	235.9
8°	233.9
9°	232.0
10°	230.2
11°	228.2
12°	226.1
13°	223.5
14°	220.8
15°	217.6
16°	213.7
17°	209.5
18°	205.0
19°	200.1
20°	195.7
21°	191.1
22°	187.0
23°	182.7
24°	177.7
25°	171.9
26°	165.0
27°	156.7
28°	147.3
29°	137.4
30°	126.9
31°	115.5
32°	104.1
32.5°	98.2
33°	92.5
34°	81.0
35°	69.6
36°	59.1
37°	48.7
37.5°	43.3
38°	39.0
39°	31.6
40°	25.8
42.5°	15.9
45°	10.2



TEST NUMBER: P1273182
CATALOG NUMBER: P3A02R659830DE010 E3D1WH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	6.0
50°	2.2
52.5°	0.4
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)