

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: P1273295

Luminaire Tested: P3A05R259830DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273295
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R259830DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

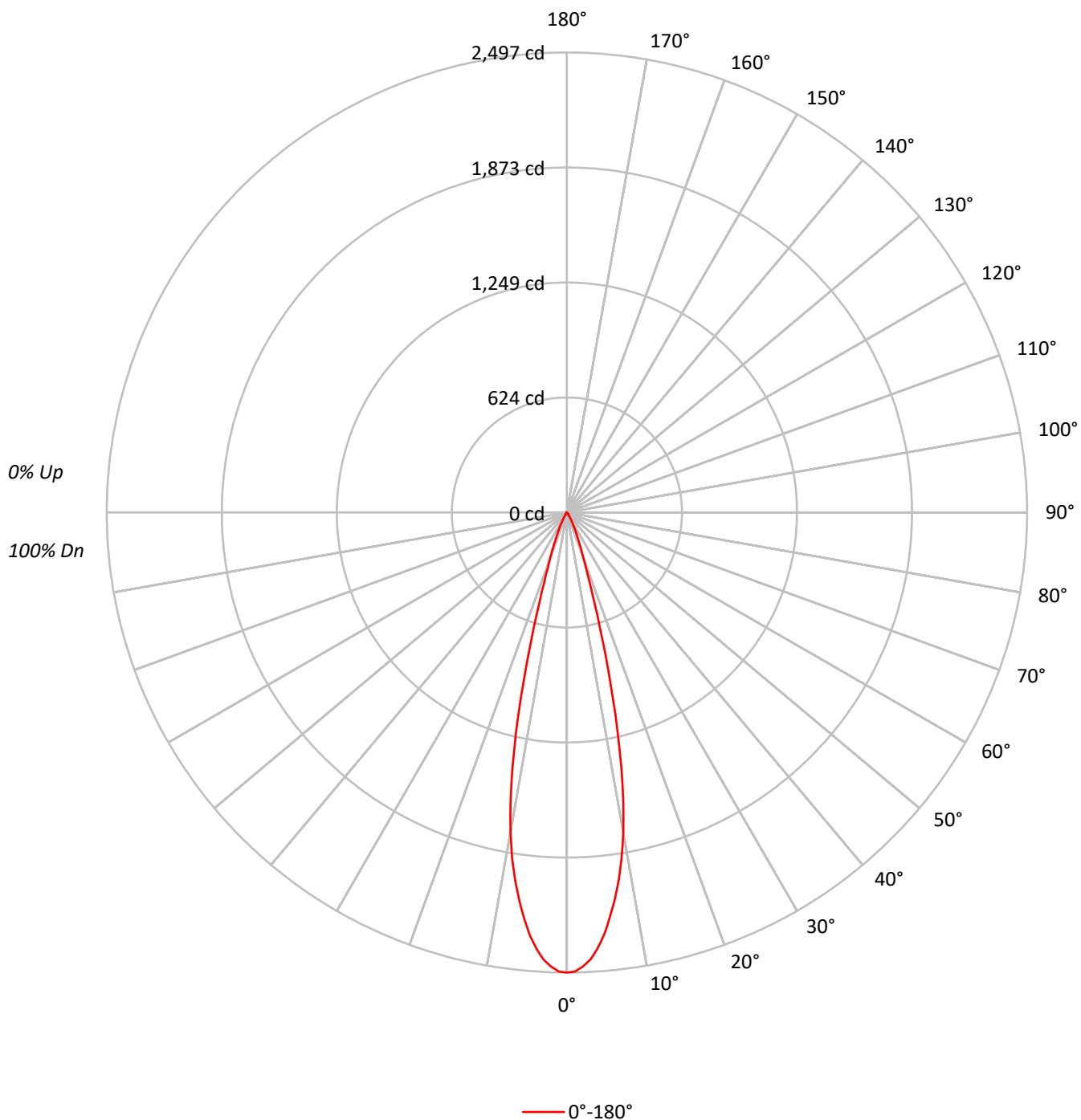
Lumens per Lamp: N/A
Luminaire Lumens: 500.1 lumens
Efficiency: N/A
Efficacy: 69.5 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97	96	96
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87	86	86
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85	84	84
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83	82	82
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81	80	80
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79	78	78
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	547588
5°	507263
10°	392489
15°	187470
20°	61815
25°	26058
30°	10103
35°	4363
40°	1460
45°	682
50°	239
55°	153
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 682 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	202.6	40.5
10°-20°	230.4	46.1
20°-30°	53.5	10.7
30°-40°	11.2	2.2
40°-50°	1.8	0.4
50°-60°	0.3	0.1
60°-70°	0.2	0.0
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°	486.5	97.3
0°-40°	497.7	99.5
0°-60°	499.9	100.0
0°-90°	500.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	500.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2497	
5°	2304	203
15°	826	230
25°	108	54
35°	16	11
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2497.2
1°	2492.1
2°	2466.2
3°	2429.8
4°	2374.1
5°	2304.5
6°	2215.1
7°	2121.6
8°	2016.6
9°	1898.3
10°	1762.7
11°	1605.5
12°	1425.1
13°	1227.5
14°	1020.8
15°	825.8
16°	653.2
17°	508.9
18°	400.3
19°	320.2
20°	264.9
21°	221.4
22°	185.8
23°	155.2
24°	129.8
25°	107.7
27.5°	63.8
30°	39.9
32.5°	25.6
35°	16.3
37.5°	9.8
40°	5.1
42.5°	3.3
45°	2.2
47.5°	1.3
50°	0.7
52.5°	0.4
55°	0.4
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.0
72.5°	0.0

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CANDELA DISTRIBUTION (continued):

	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)