

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: P1273299

Luminaire Tested: P3A05R259830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273299
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R259830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

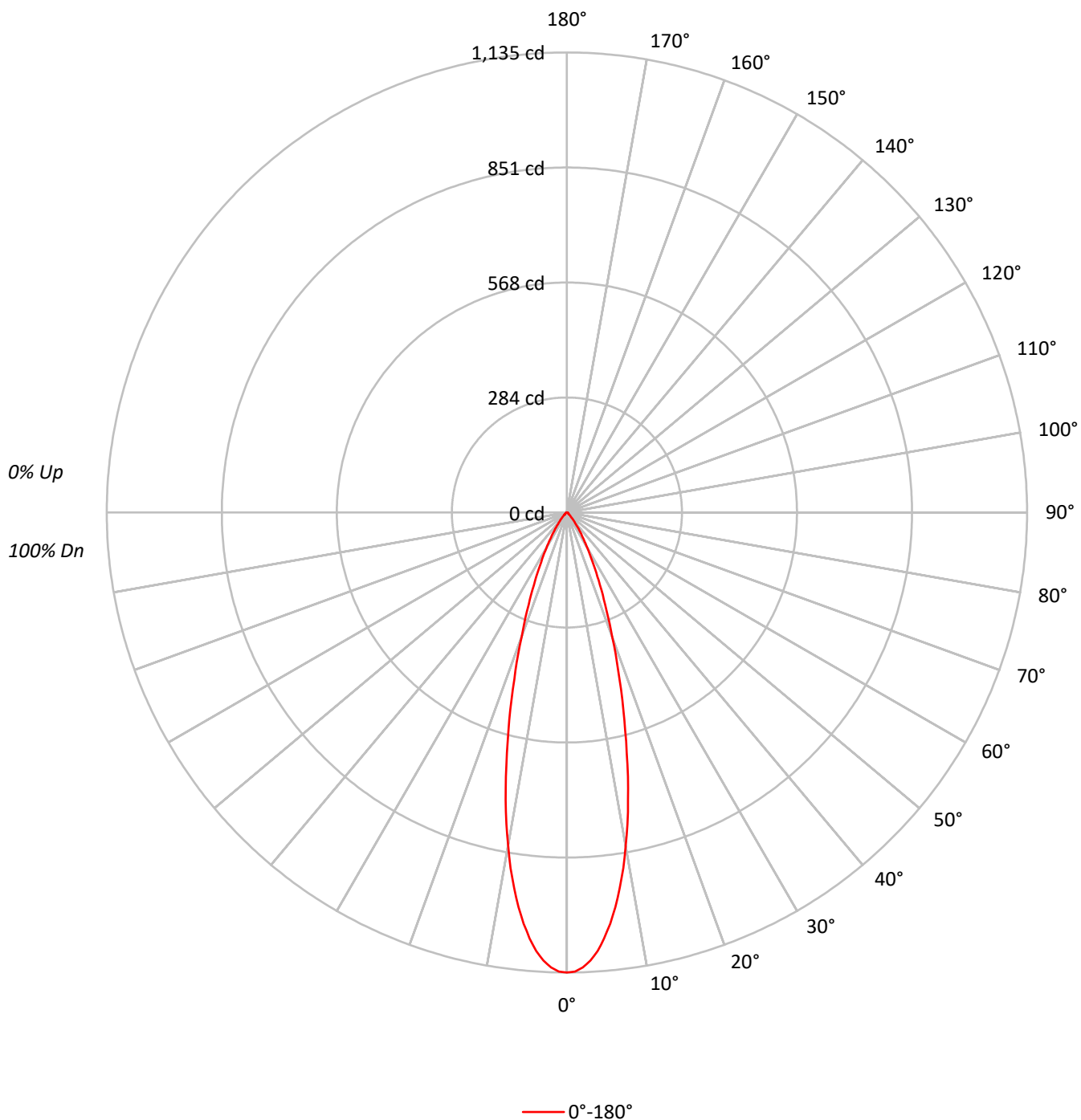
Lumens per Lamp: N/A
Luminaire Lumens: 388.0 lumens
Efficiency: N/A
Efficacy: 53.9 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	248884
5°	232203
10°	186013
15°	126266
20°	76400
25°	44688
30°	25447
35°	14000
40°	7443
45°	3907
50°	2286
55°	1682
60°	1447
65°	1557
70°	1410
75°	1271
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3907 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.6	24.1
10°-20°	152.9	39.4
20°-30°	87.4	22.5
30°-40°	34.5	8.9
40°-50°	10.6	2.7
50°-60°	4.2	1.1
60°-70°	2.8	0.7
70°-80°	1.6	0.4
80°-90°	0.5	0.1
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°	333.9	86.1
0°-40°	368.4	94.9
0°-60°	383.1	98.7
0°-90°	388.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	388.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1135	
5°	1055	94
15°	556	153
25°	185	87
35°	52	34
45°	13	11
55°	4	4
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1135.0
1°	1132.8
2°	1123.5
3°	1107.2
4°	1084.6
5°	1054.9
6°	1020.1
7°	980.8
8°	935.2
9°	888.4
10°	835.4
11°	783.1
12°	725.7
13°	668.9
14°	610.7
15°	556.2
17.5°	431.2
20°	327.4
22.5°	245.8
25°	184.7
27.5°	136.8
30°	100.5
32.5°	72.7
35°	52.3
37.5°	37.1
40°	26.0
42.5°	17.8
45°	12.6
47.5°	8.9
50°	6.7
52.5°	5.2
55°	4.4
57.5°	4.1
60°	3.3
62.5°	3.0
65°	3.0
67.5°	2.6
70°	2.2
72.5°	1.9
75°	1.5
77.5°	1.1
80°	0.7
82.5°	0.7
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)