

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: P1266595

Luminaire Tested: P3A05R209735DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266595
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R209735DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

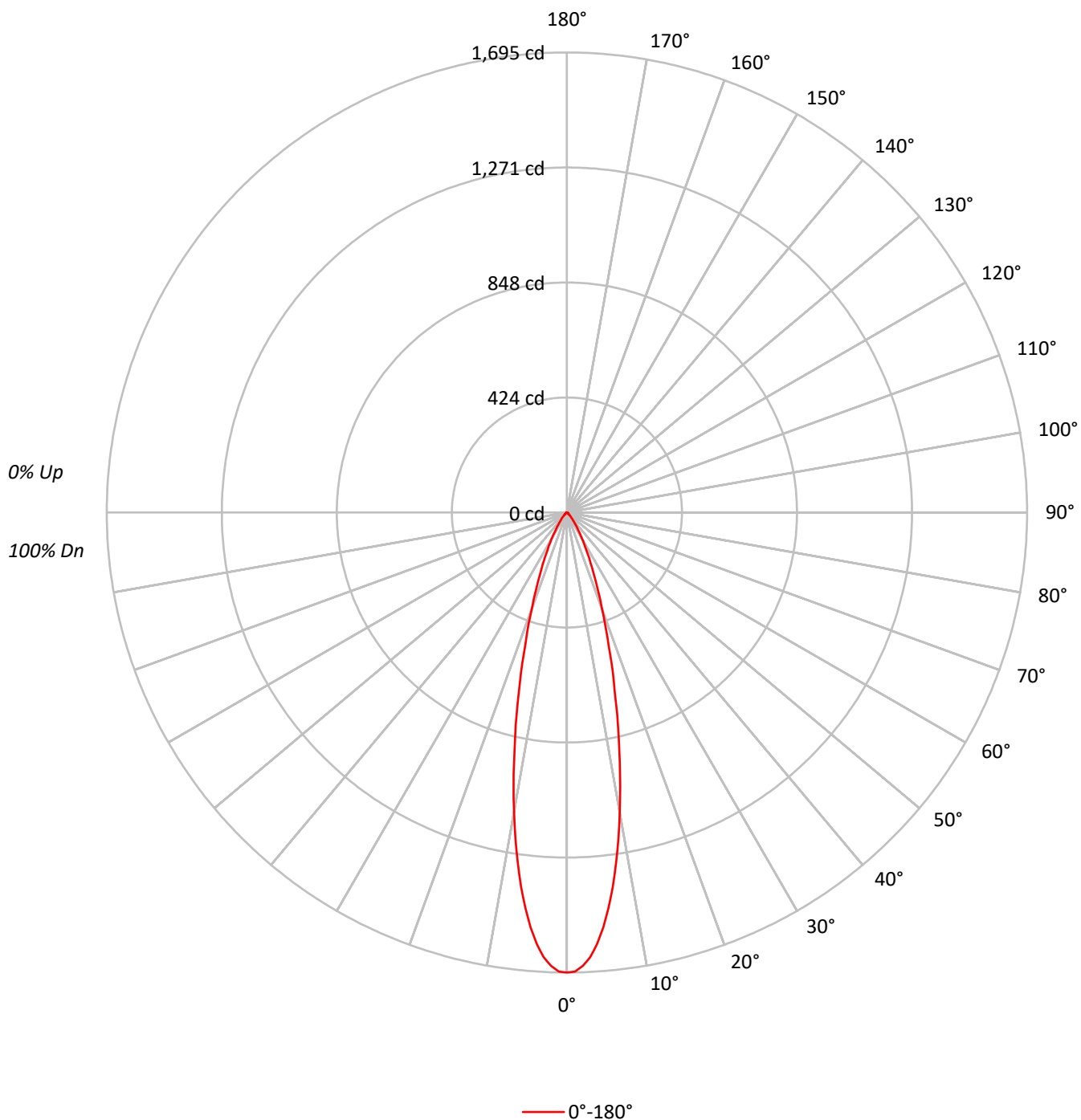
Lumens per Lamp: N/A
Luminaire Lumens: 483.0 lumens
Efficiency: N/A
Efficacy: 67.1 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	371615
5°	337794
10°	249650
15°	154439
20°	88184
25°	50350
30°	28232
35°	15366
40°	8416
45°	4621
50°	2695
55°	1950
60°	1842
65°	1712
70°	1475
75°	1610
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4621 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.9	27.5
10°-20°	189.7	39.3
20°-30°	99.0	20.5
30°-40°	38.3	7.9
40°-50°	12.4	2.6
50°-60°	4.9	1.0
60°-70°	3.2	0.7
70°-80°	1.9	0.4
80°-90°	0.6	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°	421.6	87.3
0°-40°	459.9	95.2
0°-60°	477.2	98.8
0°-90°	483.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	483.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1695	
5°	1535	133
15°	680	190
25°	208	99
35°	57	38
45°	15	12
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1694.7
1°	1691.4
2°	1671.4
3°	1640.6
4°	1593.0
5°	1534.6
6°	1465.6
7°	1389.1
8°	1300.4
9°	1214.1
10°	1121.2
12.5°	891.2
15°	680.3
17.5°	509.1
20°	377.9
22.5°	280.0
25°	208.1
27.5°	153.5
30°	111.5
32.5°	80.7
35°	57.4
37.5°	41.5
40°	29.4
42.5°	21.0
45°	14.9
47.5°	10.7
50°	7.9
52.5°	6.1
55°	5.1
57.5°	4.7
60°	4.2
62.5°	3.7
65°	3.3
67.5°	2.8
70°	2.3
72.5°	2.3
75°	1.9
77.5°	1.4
80°	0.9
82.5°	0.9
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)