

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: P1256562

Luminaire Tested: P3AS05R259040DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256562
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: P3AS05R259040DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

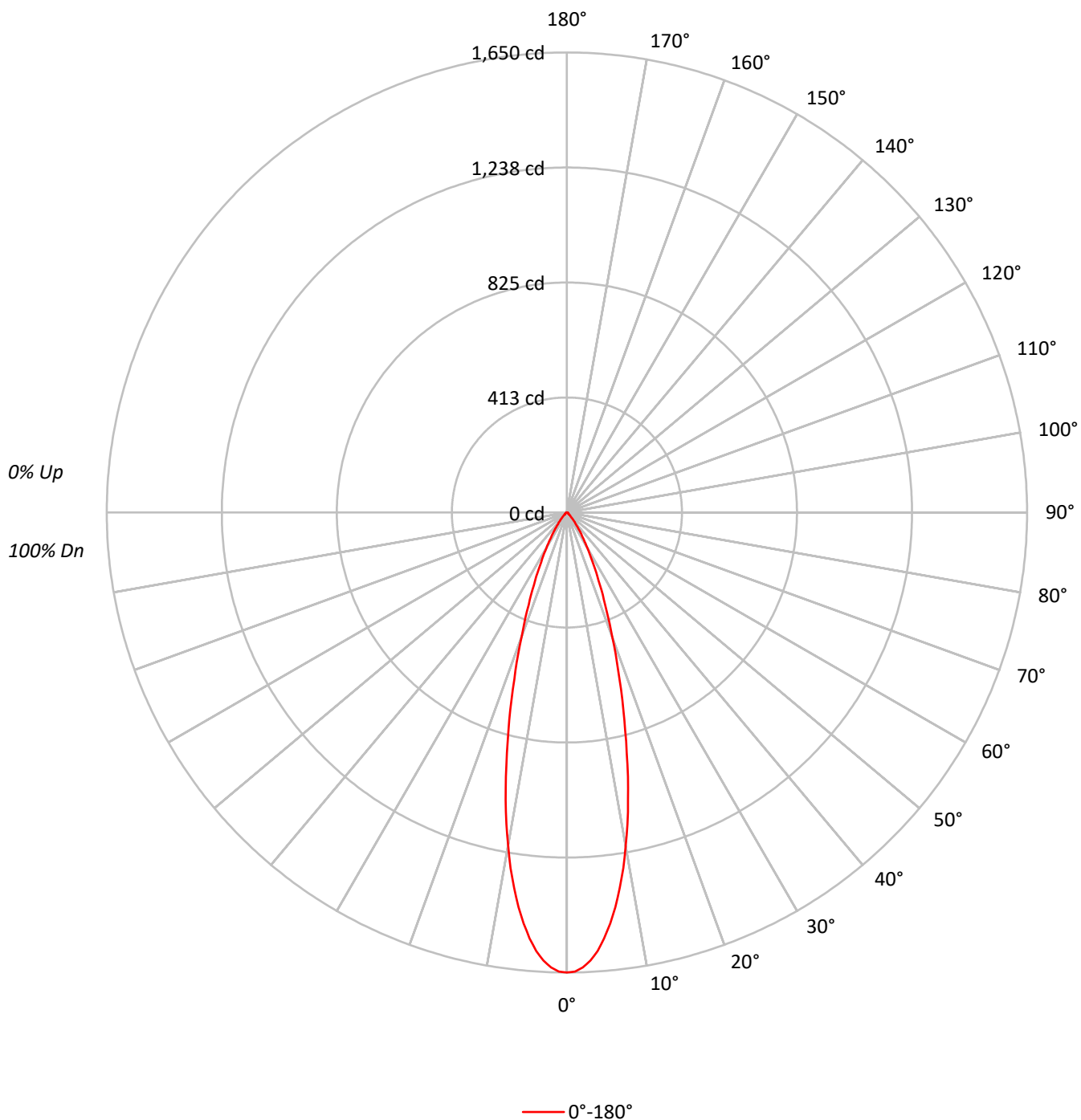
Lumens per Lamp: N/A
Luminaire Lumens: 564.0 lumens
Efficiency: N/A
Efficacy: 78.3 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92	90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79	78
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79	75	73	72
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73	70	67	66
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	361791
5°	337529
10°	270402
15°	183542
20°	111053
25°	64939
30°	36993
35°	20345
40°	10792
45°	5675
50°	3309
55°	2485
60°	2149
65°	2231
70°	2052
75°	1864
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5675 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.1	24.1
10°-20°	222.3	39.4
20°-30°	127.0	22.5
30°-40°	50.1	8.9
40°-50°	15.4	2.7
50°-60°	6.1	1.1
60°-70°	4.1	0.7
70°-80°	2.3	0.4
80°-90°	0.7	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°	485.4	86.1
0°-40°	535.5	94.9
0°-60°	556.9	98.7
0°-90°	564.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	564.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1650	
5°	1533	136
15°	808	222
25°	268	127
35°	76	50
45°	18	15
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1649.9
1°	1646.6
2°	1633.2
3°	1609.4
4°	1576.6
5°	1533.4
6°	1482.8
7°	1425.6
8°	1359.4
9°	1291.4
10°	1214.4
11°	1138.4
12°	1054.8
13°	972.4
14°	887.7
15°	808.5
17.5°	626.9
20°	475.9
22.5°	357.4
25°	268.4
27.5°	198.9
30°	146.1
32.5°	105.6
35°	76.0
37.5°	53.9
40°	37.7
42.5°	25.9
45°	18.3
47.5°	12.9
50°	9.7
52.5°	7.5
55°	6.5
57.5°	5.9
60°	4.9
62.5°	4.3
65°	4.3
67.5°	3.8
70°	3.2
72.5°	2.7
75°	2.2
77.5°	1.6
80°	1.1
82.5°	1.1
85°	0.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)