

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: P1271220

Luminaire Tested: P3AS05R259827DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271220
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259827DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

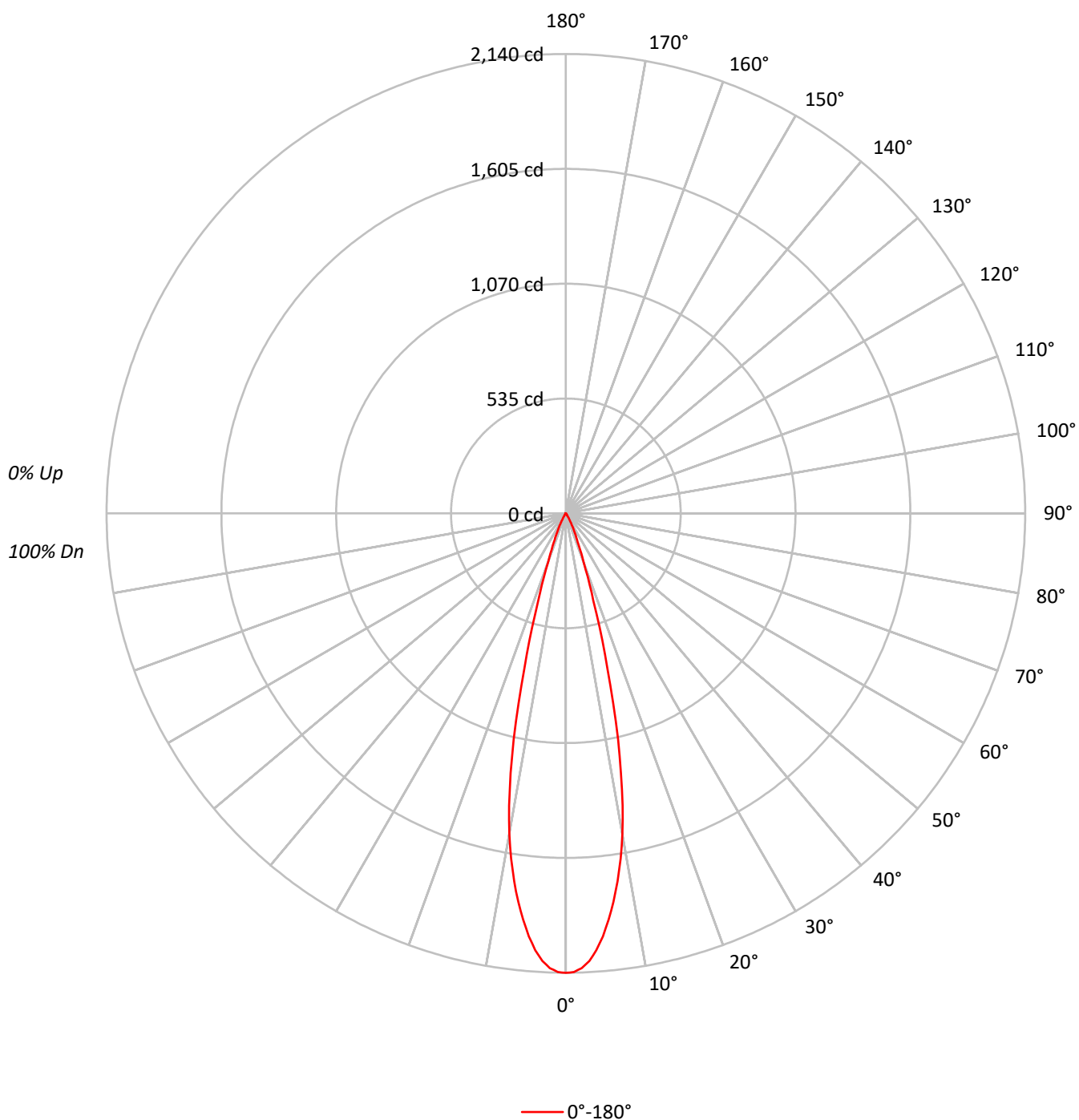
Lumens per Lamp: N/A
Luminaire Lumens: 438.9 lumens
Efficiency: N/A
Efficacy: 61.0 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	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
1	115	113	111	110		113	111	109	108		107	106	105		103	103	102		100	99	99
2	112	108	105	103		110	107	104	102		104	102	100		101	99	98		98	97	96
3	108	104	101	98		107	103	100	97		100	98	96		98	96	94		96	94	93
4	105	100	97	94		104	99	96	93		97	95	92		96	93	91		94	92	90
5	103	97	93	90		101	96	93	90		95	92	89		93	91	89		92	90	88
6	100	94	90	87		99	93	90	87		92	89	87		91	88	86		90	87	86
7	97	91	88	85		96	91	87	85		90	87	84		89	86	84		88	85	83
8	95	89	85	83		94	89	85	82		88	84	82		87	84	82		86	83	81
9	93	87	83	80		92	86	83	80		86	82	80		85	82	80		84	82	80
10	91	85	81	78		90	84	81	78		84	80	78		83	80	78		82	80	78

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	469348
5°	435306
10°	337602
15°	169286
20°	55608
25°	22114
30°	8305
35°	2409
40°	1088
45°	434
50°	341
55°	268
60°	307
65°	363
70°	192
75°	254
80°	379
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 434 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.9	39.6
10°-20°	207.5	47.3
20°-30°	46.8	10.7
30°-40°	7.6	1.7
40°-50°	1.4	0.3
50°-60°	0.7	0.2
60°-70°	0.6	0.1
70°-80°	0.3	0.1
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°	428.3	97.6
0°-40°	435.8	99.3
0°-60°	437.9	99.8
0°-90°	438.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	438.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2140	
5°	1978	174
15°	746	208
25°	91	47
35°	9	8
45°	1	1
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2140.4
1°	2137.0
2°	2119.7
3°	2088.0
4°	2040.1
5°	1977.6
6°	1903.1
7°	1822.4
8°	1730.0
9°	1628.9
10°	1516.2
11°	1386.1
12°	1236.5
13°	1079.9
14°	911.9
15°	745.7
17.5°	424.9
20°	238.3
22.5°	143.8
25°	91.4
27.5°	56.2
30°	32.8
32.5°	17.2
35°	9.0
37.5°	5.9
40°	3.8
42.5°	2.4
45°	1.4
47.5°	1.0
50°	1.0
52.5°	1.0
55°	0.7
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.7
70°	0.3
72.5°	0.3
75°	0.3
77.5°	0.3
80°	0.3
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)