

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: P1275367

Luminaire Tested: P3AS05R259835DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275367
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: P3AS05R259835DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

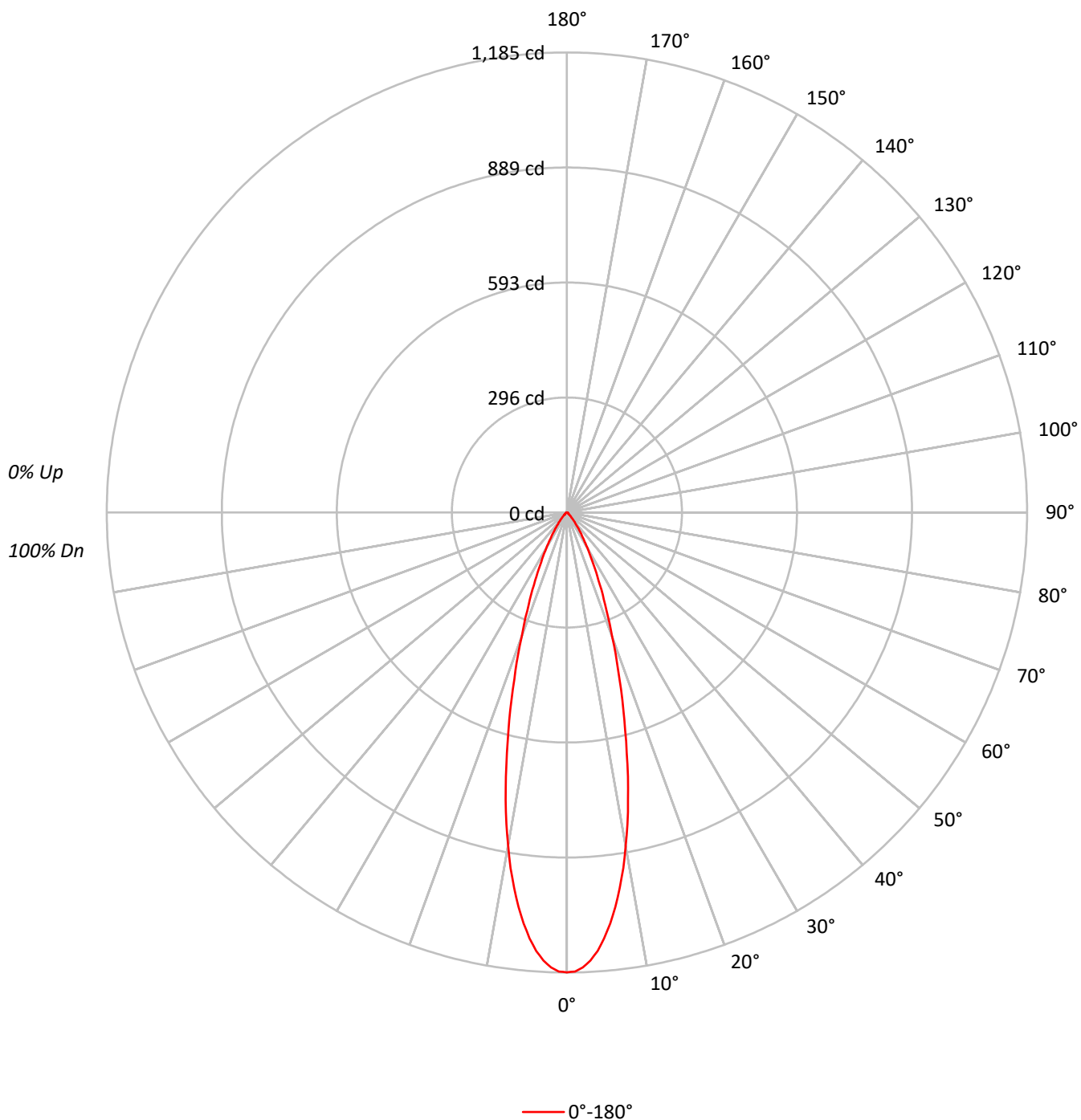
Lumens per Lamp: N/A
Luminaire Lumens: 405.0 lumens
Efficiency: N/A
Efficacy: 56.3 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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°	259782
5°	242372
10°	194163
15°	131806
20°	79760
25°	46624
30°	26561
35°	14616
40°	7757
45°	4093
50°	2388
55°	1759
60°	1535
65°	1608
70°	1475
75°	1271
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4093 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.7	24.1
10°-20°	159.6	39.4
20°-30°	91.2	22.5
30°-40°	36.0	8.9
40°-50°	11.1	2.7
50°-60°	4.4	1.1
60°-70°	2.9	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°	348.5	86.1
0°-40°	384.5	94.9
0°-60°	399.9	98.7
0°-90°	405.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	405.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1185	
5°	1101	98
15°	581	160
25°	193	91
35°	55	36
45°	13	11
55°	5	4
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1184.7
1°	1182.4
2°	1172.7
3°	1155.7
4°	1132.1
5°	1101.1
6°	1064.8
7°	1023.7
8°	976.1
9°	927.4
10°	872.0
11°	817.4
12°	757.4
13°	698.2
14°	637.5
15°	580.6
17.5°	450.1
20°	341.8
22.5°	256.6
25°	192.7
27.5°	142.8
30°	104.9
32.5°	75.9
35°	54.6
37.5°	38.7
40°	27.1
42.5°	18.6
45°	13.2
47.5°	9.3
50°	7.0
52.5°	5.4
55°	4.6
57.5°	4.3
60°	3.5
62.5°	3.1
65°	3.1
67.5°	2.7
70°	2.3
72.5°	1.9
75°	1.5
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)