

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: P1253852

Luminaire Tested: P3AS05R259035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253852
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: P3AS05R259035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

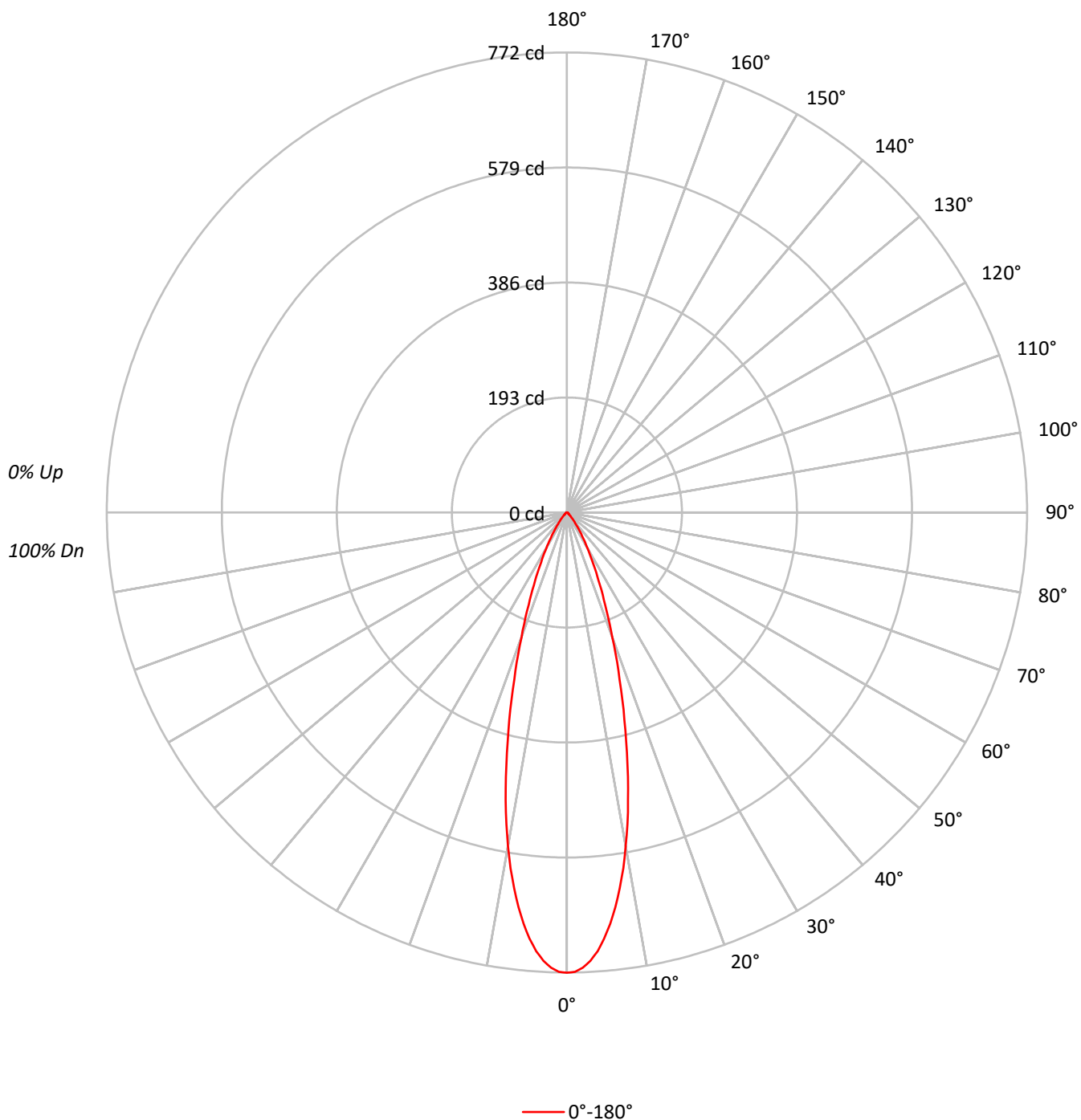
Lumens per Lamp: N/A
Luminaire Lumens: 264.1 lumens
Efficiency: N/A
Efficacy: 36.7 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	169350
5°	158001
10°	126562
15°	85903
20°	51991
25°	30389
30°	17319
35°	9530
40°	5067
45°	2667
50°	1535
55°	1147
60°	1009
65°	1038
70°	962
75°	847
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2667 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.7	24.1
10°-20°	104.0	39.4
20°-30°	59.5	22.5
30°-40°	23.5	8.9
40°-50°	7.2	2.7
50°-60°	2.8	1.1
60°-70°	1.9	0.7
70°-80°	1.1	0.4
80°-90°	0.4	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°	227.2	86.0
0°-40°	250.7	94.9
0°-60°	260.7	98.7
0°-90°	264.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	264.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	772	
5°	718	64
15°	378	104
25°	126	59
35°	36	23
45°	9	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	772.3
1°	770.8
2°	764.5
3°	753.4
4°	738.0
5°	717.8
6°	694.1
7°	667.3
8°	636.3
9°	604.5
10°	568.4
11°	532.9
12°	493.7
13°	455.1
14°	415.5
15°	378.4
17.5°	293.4
20°	222.8
22.5°	167.3
25°	125.6
27.5°	93.1
30°	68.4
32.5°	49.5
35°	35.6
37.5°	25.2
40°	17.7
42.5°	12.1
45°	8.6
47.5°	6.1
50°	4.5
52.5°	3.5
55°	3.0
57.5°	2.8
60°	2.3
62.5°	2.0
65°	2.0
67.5°	1.8
70°	1.5
72.5°	1.3
75°	1.0
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)