

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: P1253794

Luminaire Tested: P3AS05R159035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253794
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R159035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

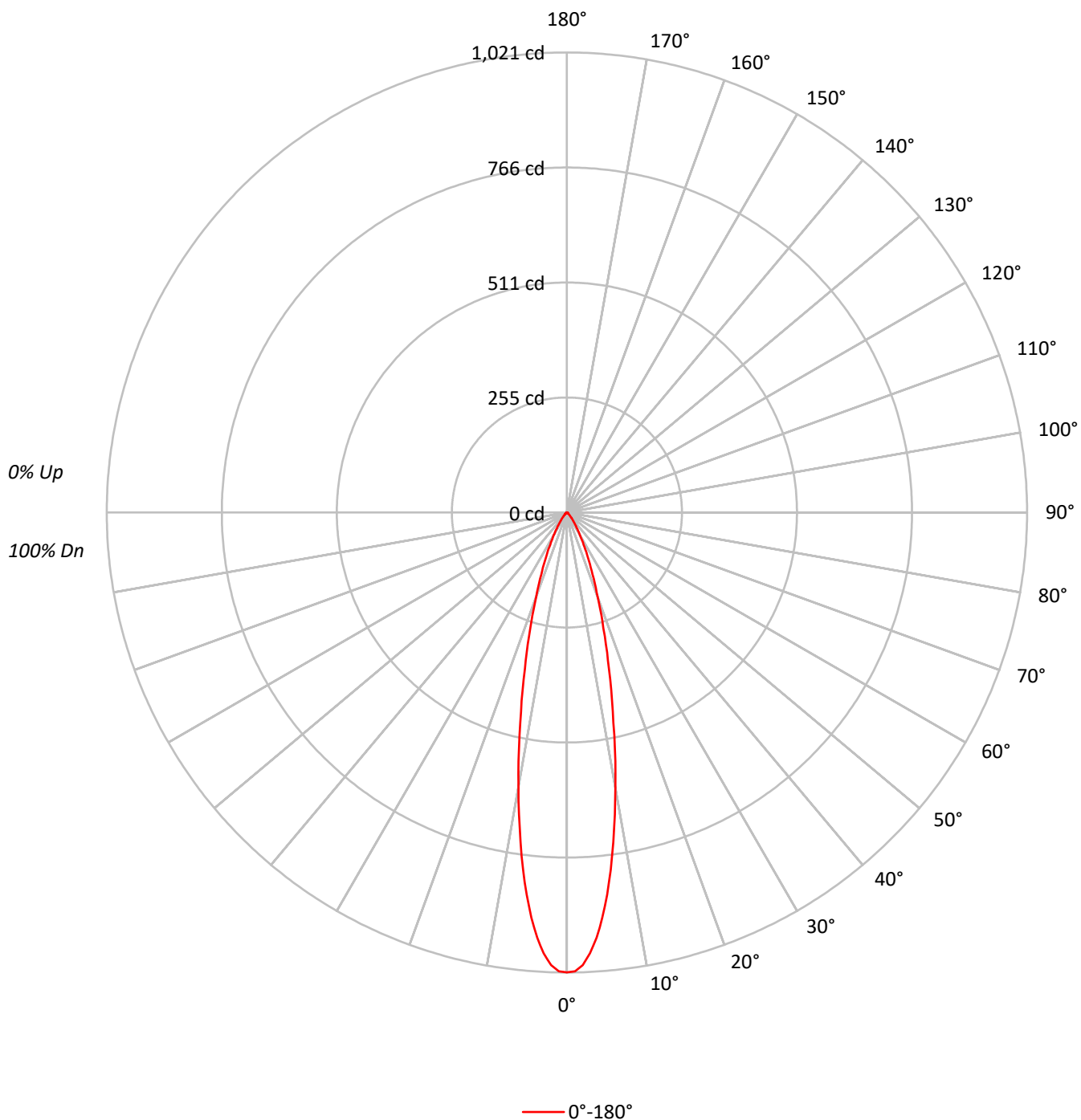
Lumens per Lamp: N/A
Luminaire Lumens: 262.0 lumens
Efficiency: N/A
Efficacy: 36.4 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	223820
5°	198679
10°	137962
15°	81590
20°	46461
25°	26566
30°	14711
35°	7843
40°	4322
45°	2357
50°	1467
55°	1147
60°	1009
65°	934
70°	833
75°	847
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2357 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.7	29.3
10°-20°	101.3	38.7
20°-30°	52.2	19.9
30°-40°	19.6	7.5
40°-50°	6.4	2.5
50°-60°	2.7	1.0
60°-70°	1.8	0.7
70°-80°	1.1	0.4
80°-90°	0.3	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°	230.2	87.8
0°-40°	249.8	95.3
0°-60°	258.9	98.8
0°-90°	262.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	262.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1021	
5°	903	77
15°	359	101
25°	110	52
35°	29	20
45°	8	6
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1020.7
1°	1018.7
2°	1005.3
3°	979.8
4°	946.2
5°	902.6
6°	853.1
7°	798.8
8°	738.5
9°	678.9
10°	619.6
12.5°	476.8
15°	359.4
17.5°	269.1
20°	199.1
22.5°	148.7
25°	109.8
27.5°	80.0
30°	58.1
32.5°	41.1
35°	29.3
37.5°	20.9
40°	15.1
42.5°	10.9
45°	7.6
47.5°	5.6
50°	4.3
52.5°	3.5
55°	3.0
57.5°	2.5
60°	2.3
62.5°	2.0
65°	1.8
67.5°	1.5
70°	1.3
72.5°	1.3
75°	1.0
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)