

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: P1268997

Luminaire Tested: P3A05R259740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268997
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: P3A05R259740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

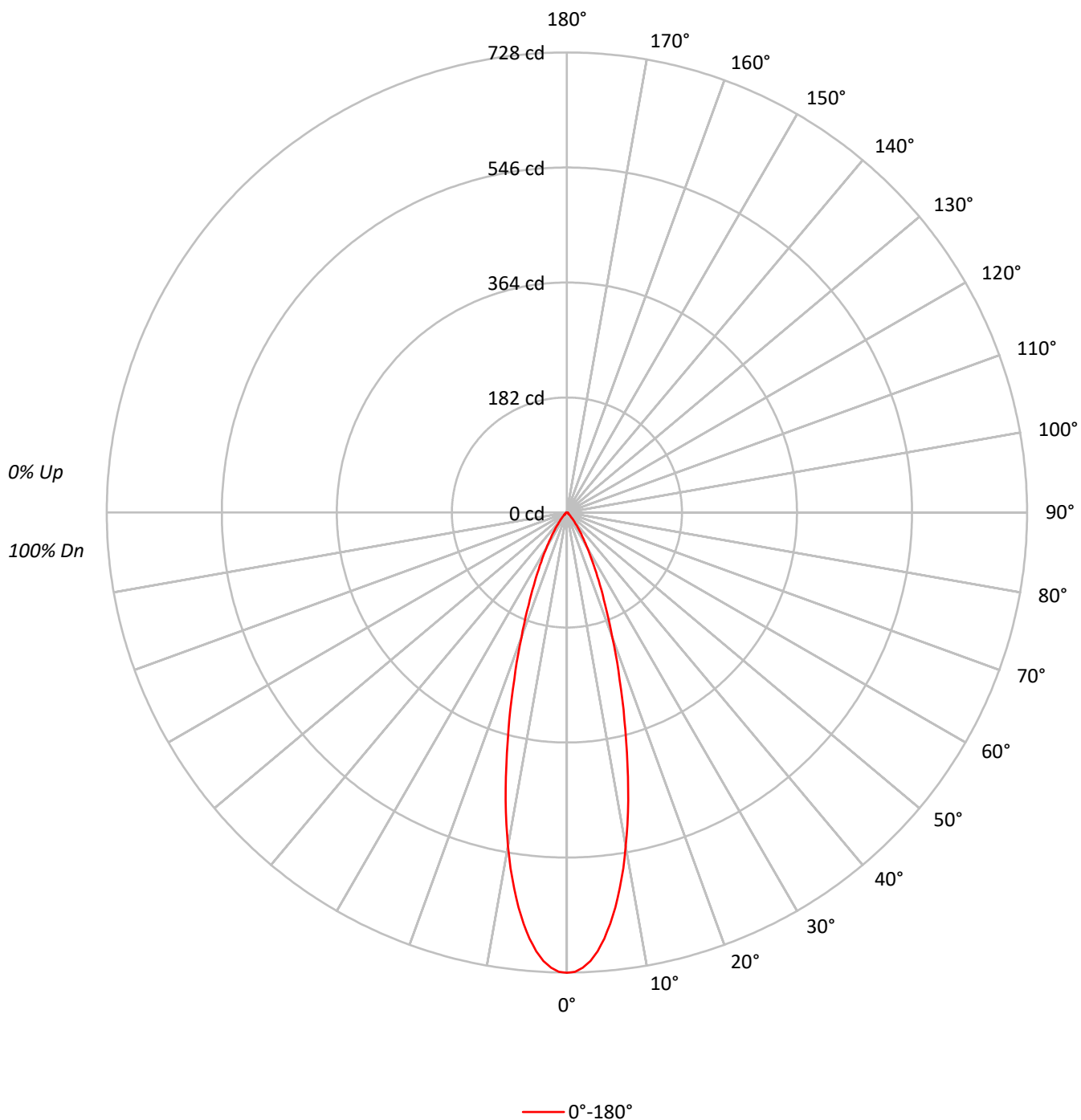
Lumens per Lamp: N/A
Luminaire Lumens: 249.0 lumens
Efficiency: N/A
Efficacy: 34.6 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	159724
5°	149020
10°	119370
15°	81022
20°	49028
25°	28671
30°	16332
35°	8994
40°	4780
45°	2512
50°	1467
55°	1109
60°	921
65°	986
70°	898
75°	847
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2512 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.1	24.1
10°-20°	98.1	39.4
20°-30°	56.1	22.5
30°-40°	22.1	8.9
40°-50°	6.8	2.7
50°-60°	2.7	1.1
60°-70°	1.8	0.7
70°-80°	1.0	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°	214.3	86.1
0°-40°	236.4	94.9
0°-60°	245.9	98.7
0°-90°	249.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	249.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	728	
5°	677	60
15°	357	98
25°	118	56
35°	34	22
45°	8	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	728.4
1°	727.0
2°	721.0
3°	710.6
4°	696.0
5°	677.0
6°	654.6
7°	629.4
8°	600.1
9°	570.2
10°	536.1
11°	502.6
12°	465.7
13°	429.3
14°	391.9
15°	356.9
17.5°	276.7
20°	210.1
22.5°	157.8
25°	118.5
27.5°	87.8
30°	64.5
32.5°	46.6
35°	33.6
37.5°	23.8
40°	16.7
42.5°	11.4
45°	8.1
47.5°	5.7
50°	4.3
52.5°	3.3
55°	2.9
57.5°	2.6
60°	2.1
62.5°	1.9
65°	1.9
67.5°	1.7
70°	1.4
72.5°	1.2
75°	1.0
77.5°	0.7
80°	0.5
82.5°	0.5
85°	0.2
87.5°	0.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)