

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: P1246191

Luminaire Tested: P3A05R459024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246191
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R459024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

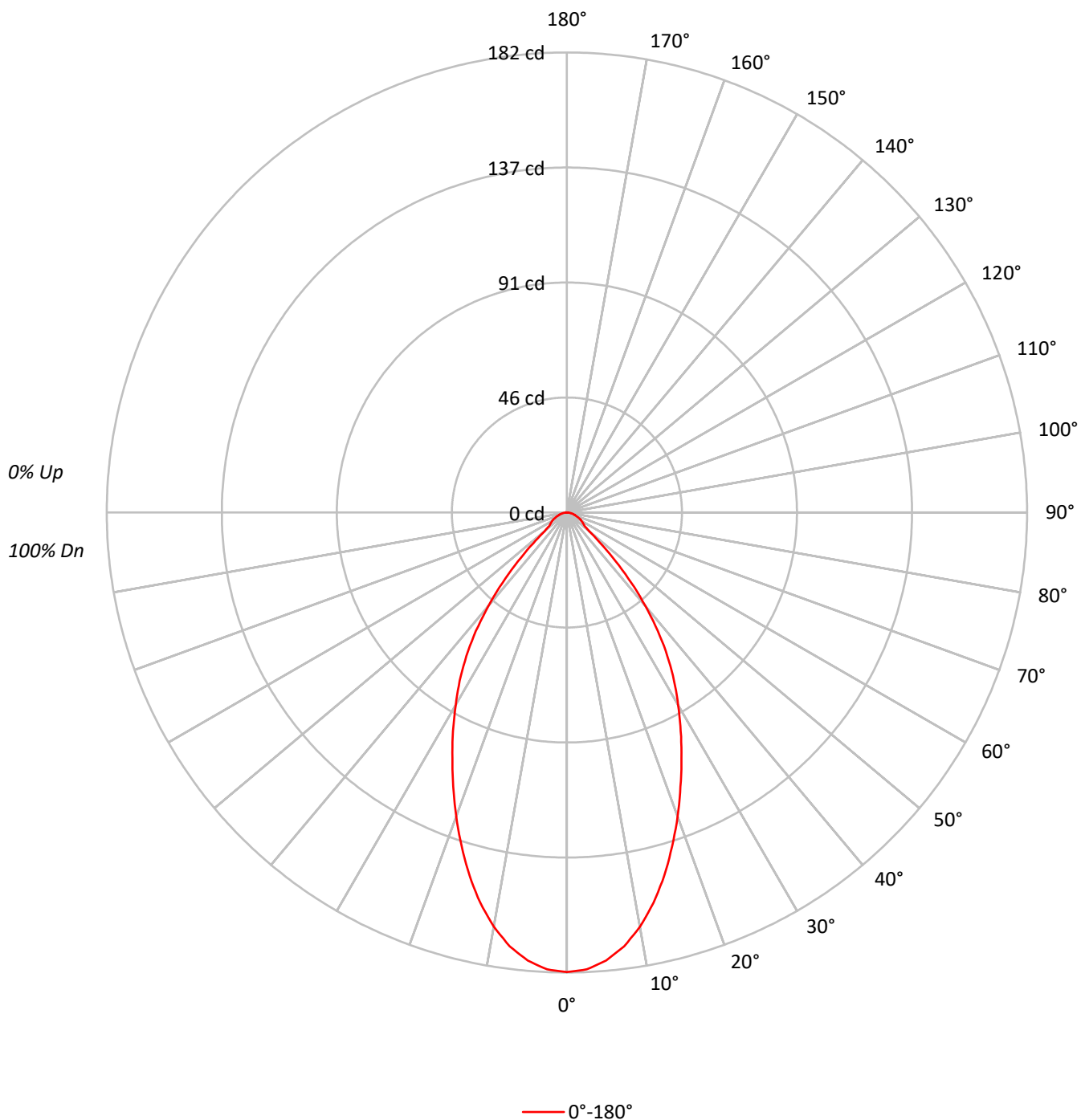
Lumens per Lamp: N/A
Luminaire Lumens: 187.9 lumens
Efficiency: N/A
Efficacy: 26.1 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	91	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39865
5°	39159
10°	37051
15°	33780
20°	29869
25°	25937
30°	22282
35°	18551
40°	13826
45°	8466
50°	3923
55°	3058
60°	2938
65°	2698
70°	2500
75°	2372
80°	2147
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8466 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.6	8.8
10°-20°	41.4	22.0
20°-30°	49.2	26.2
30°-40°	42.8	22.8
40°-50°	21.5	11.4
50°-60°	7.5	4.0
60°-70°	5.2	2.8
70°-80°	2.9	1.5
80°-90°	0.9	0.5
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°	107.3	57.1
0°-40°	150.1	79.8
0°-60°	179.0	95.2
0°-90°	187.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	187.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	182	
5°	178	17
15°	149	41
25°	107	49
35°	69	43
45°	27	21
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	181.8
2.5°	180.9
5°	177.9
7.5°	173.1
10°	166.4
12.5°	158.2
15°	148.8
17.5°	138.4
20°	128.0
22.5°	117.4
25°	107.2
27.5°	97.5
30°	88.0
32.5°	78.9
35°	69.3
37.5°	59.1
40°	48.3
42.5°	37.7
45°	27.3
47.5°	18.0
50°	11.5
52.5°	8.9
55°	8.0
57.5°	7.4
60°	6.7
62.5°	6.1
65°	5.2
67.5°	4.5
70°	3.9
72.5°	3.2
75°	2.8
77.5°	2.2
80°	1.7
82.5°	1.3
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)