

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: P1245780

Luminaire Tested: P3A02R459024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245780
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: P3A02R459024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

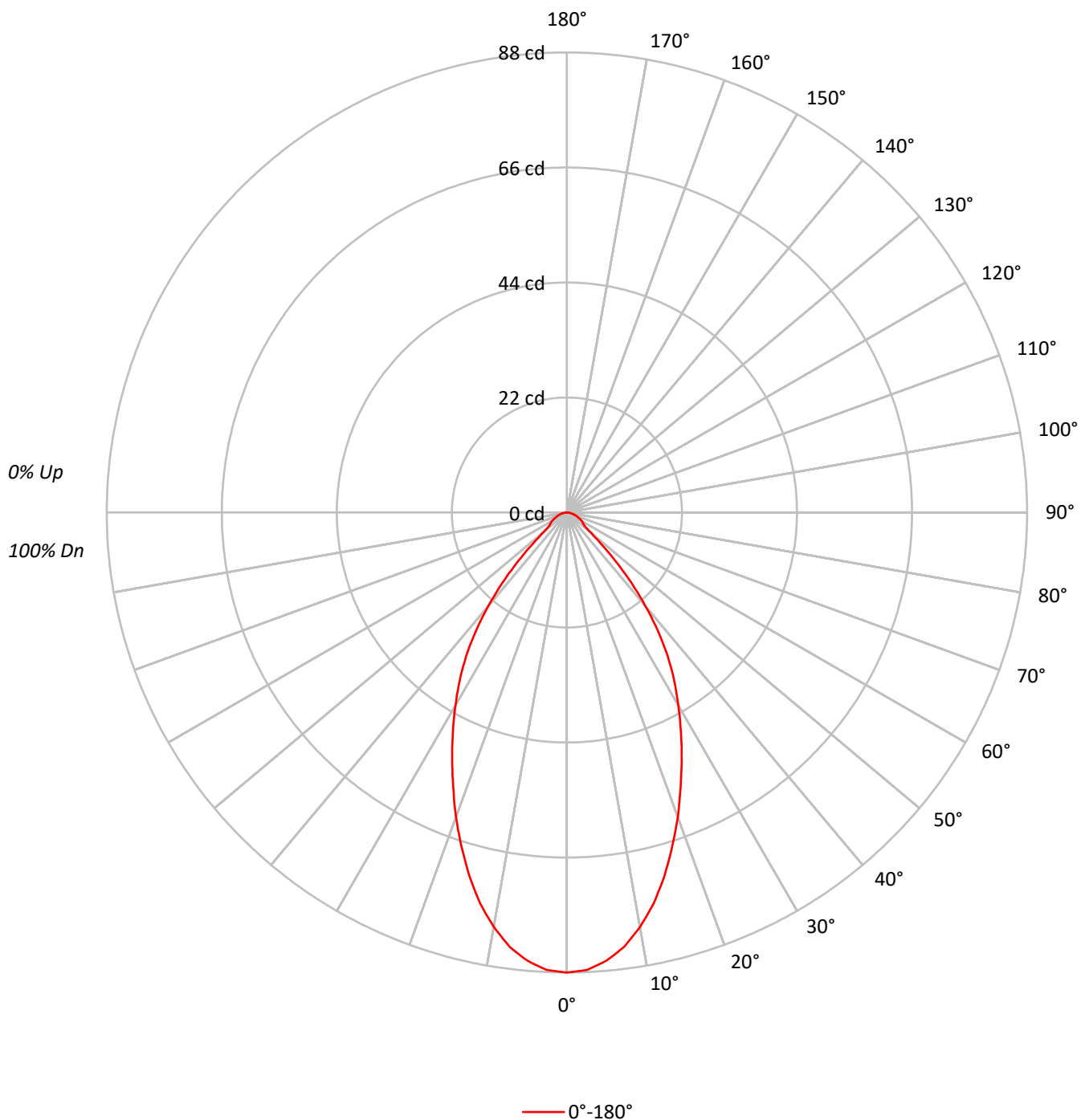
Lumens per Lamp: N/A
Luminaire Lumens: 91.0 lumens
Efficiency: N/A
Efficacy: 25.3 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1245780

CATALOG NUMBER: P3A02R459024DE010 E3DLD1GPH

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°	19297
5°	18952
10°	17924
15°	16345
20°	14468
25°	12557
30°	10786
35°	8994
40°	6698
45°	4093
50°	1910
55°	1491
60°	1447
65°	1297
70°	1218
75°	1186
80°	1010
85°	755

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°	8.0	8.8
10°-20°	20.1	22.0
20°-30°	23.8	26.2
30°-40°	20.7	22.8
40°-50°	10.4	11.4
50°-60°	3.6	4.0
60°-70°	2.5	2.8
70°-80°	1.4	1.6
80°-90°	0.4	0.4
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°	51.9	57.1
0°-40°	72.6	79.8
0°-60°	86.7	95.2
0°-90°	91.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	91.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	88	
5°	86	8
15°	72	20
25°	52	24
35°	34	21
45°	13	10
55°	4	4
65°	2	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	88.0
2.5°	87.6
5°	86.1
7.5°	83.8
10°	80.5
12.5°	76.6
15°	72.0
17.5°	67.0
20°	62.0
22.5°	56.8
25°	51.9
27.5°	47.2
30°	42.6
32.5°	38.2
35°	33.6
37.5°	28.6
40°	23.4
42.5°	18.2
45°	13.2
47.5°	8.7
50°	5.6
52.5°	4.3
55°	3.9
57.5°	3.6
60°	3.3
62.5°	2.9
65°	2.5
67.5°	2.2
70°	1.9
72.5°	1.6
75°	1.4
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)