

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: P1245578

Luminaire Tested: P3A02R129024DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245578
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R129024DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

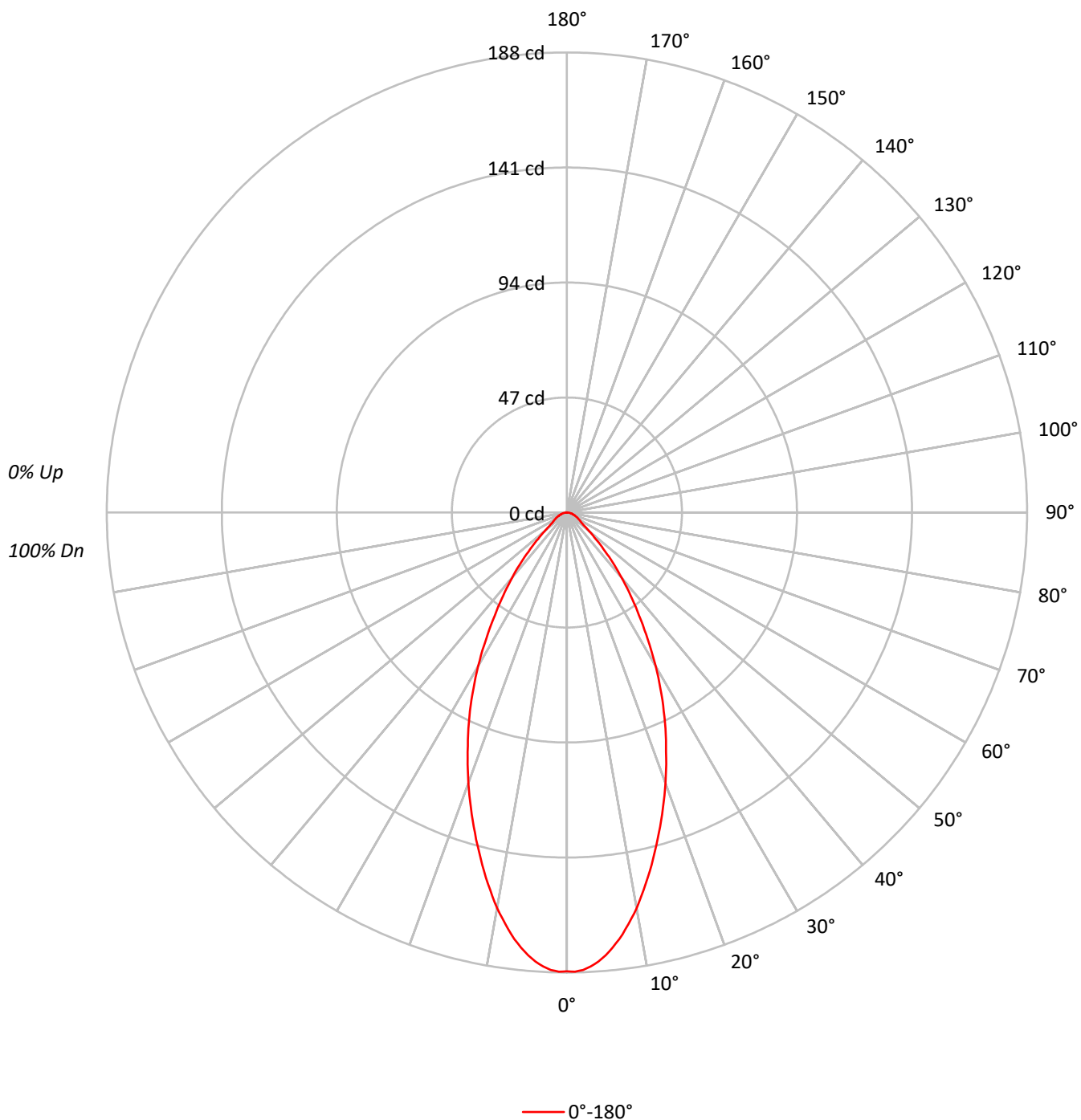
Lumens per Lamp: N/A
Luminaire Lumens: 163.0 lumens
Efficiency: N/A
Efficacy: 44.1 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.7
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: P1245578

CATALOG NUMBER: P3A02R129024DE010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1245578

CATALOG NUMBER: P3A02R129024DE010 E3DLD1LI

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	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	41115
5°	39995
10°	36561
15°	32009
20°	27466
25°	22937
30°	18357
35°	13759
40°	9990
45°	6543
50°	4094
55°	2753
60°	2456
65°	2231
70°	2116
75°	1949
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6543 cd/sqm

TEST NUMBER: P1245578

CATALOG NUMBER: P3A02R129024DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.8	10.3
10°-20°	39.3	24.1
20°-30°	43.3	26.6
30°-40°	32.4	19.9
40°-50°	16.8	10.3
50°-60°	7.0	4.3
60°-70°	4.3	2.6
70°-80°	2.4	1.5
80°-90°	0.7	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°	99.4	61.0
0°-40°	131.8	80.8
0°-60°	155.6	95.4
0°-90°	163.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	163.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	188	
5°	182	17
15°	141	39
25°	95	43
35°	51	32
45°	21	17
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1245578

CATALOG NUMBER: P3A02R129024DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	187.5
1°	187.7
2°	187.1
3°	185.8
4°	184.0
5°	181.7
6°	178.8
7°	175.7
8°	172.0
9°	168.1
10°	164.2
12.5°	152.8
15°	141.0
17.5°	129.3
20°	117.7
22.5°	105.9
25°	94.8
27.5°	83.6
30°	72.5
32.5°	61.5
35°	51.4
37.5°	42.7
40°	34.9
42.5°	27.7
45°	21.1
47.5°	15.9
50°	12.0
52.5°	8.9
55°	7.2
57.5°	6.4
60°	5.6
62.5°	5.0
65°	4.3
67.5°	3.7
70°	3.3
72.5°	2.7
75°	2.3
77.5°	1.9
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.2
90°	0.0

(END OF REPORT)