

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: P1245778

Luminaire Tested: P3A02R459024DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245778
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R459024DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

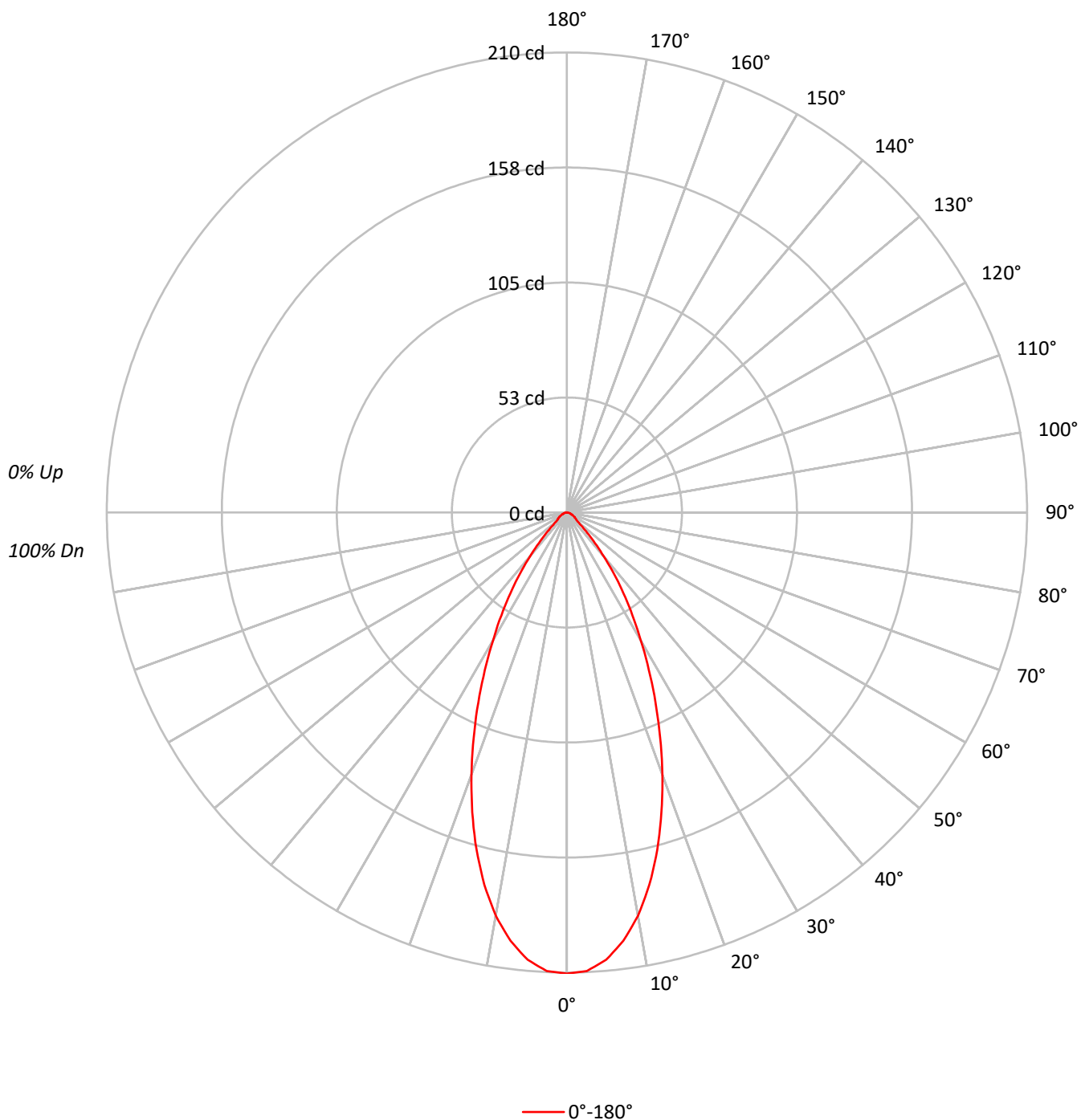
Lumens per Lamp: N/A
Luminaire Lumens: 155.0 lumens
Efficiency: N/A
Efficacy: 43.0 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1245778

CATALOG NUMBER: P3A02R459024DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1245778

CATALOG NUMBER: P3A02R459024DE010 E3DL1WH

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	110	108	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46159
5°	45124
10°	41616
15°	36186
20°	29729
25°	23130
30°	17091
35°	12019
40°	7500
45°	4062
50°	2183
55°	1873
60°	1710
65°	1453
70°	1218
75°	1271
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4062 cd/sqm

TEST NUMBER: P1245778

CATALOG NUMBER: P3A02R459024DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.0	12.2
10°-20°	44.1	28.4
20°-30°	43.8	28.2
30°-40°	28.2	18.2
40°-50°	10.8	7.0
50°-60°	4.4	2.8
60°-70°	2.8	1.8
70°-80°	1.5	1.0
80°-90°	0.4	0.3
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°	106.8	68.9
0°-40°	135.0	87.1
0°-60°	150.2	96.9
0°-90°	155.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	155.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	210	
5°	205	19
15°	159	44
25°	96	44
35°	45	28
45°	13	11
55°	5	4
65°	3	3
75°	2	2
85°	0	0
90°	0	

TEST NUMBER: P1245778

CATALOG NUMBER: P3A02R459024DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	210.5
2.5°	209.5
5°	205.0
7.5°	197.2
10°	186.9
12.5°	174.0
15°	159.4
17.5°	143.5
20°	127.4
22.5°	111.1
25°	95.6
27.5°	81.0
30°	67.5
32.5°	55.6
35°	44.9
37.5°	35.2
40°	26.2
42.5°	18.9
45°	13.1
47.5°	8.8
50°	6.4
52.5°	5.4
55°	4.9
57.5°	4.3
60°	3.9
62.5°	3.2
65°	2.8
67.5°	2.4
70°	1.9
72.5°	1.7
75°	1.5
77.5°	1.1
80°	0.9
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)