

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: P1273081

Luminaire Tested: P3A02R459830DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273081
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: P3A02R459830DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

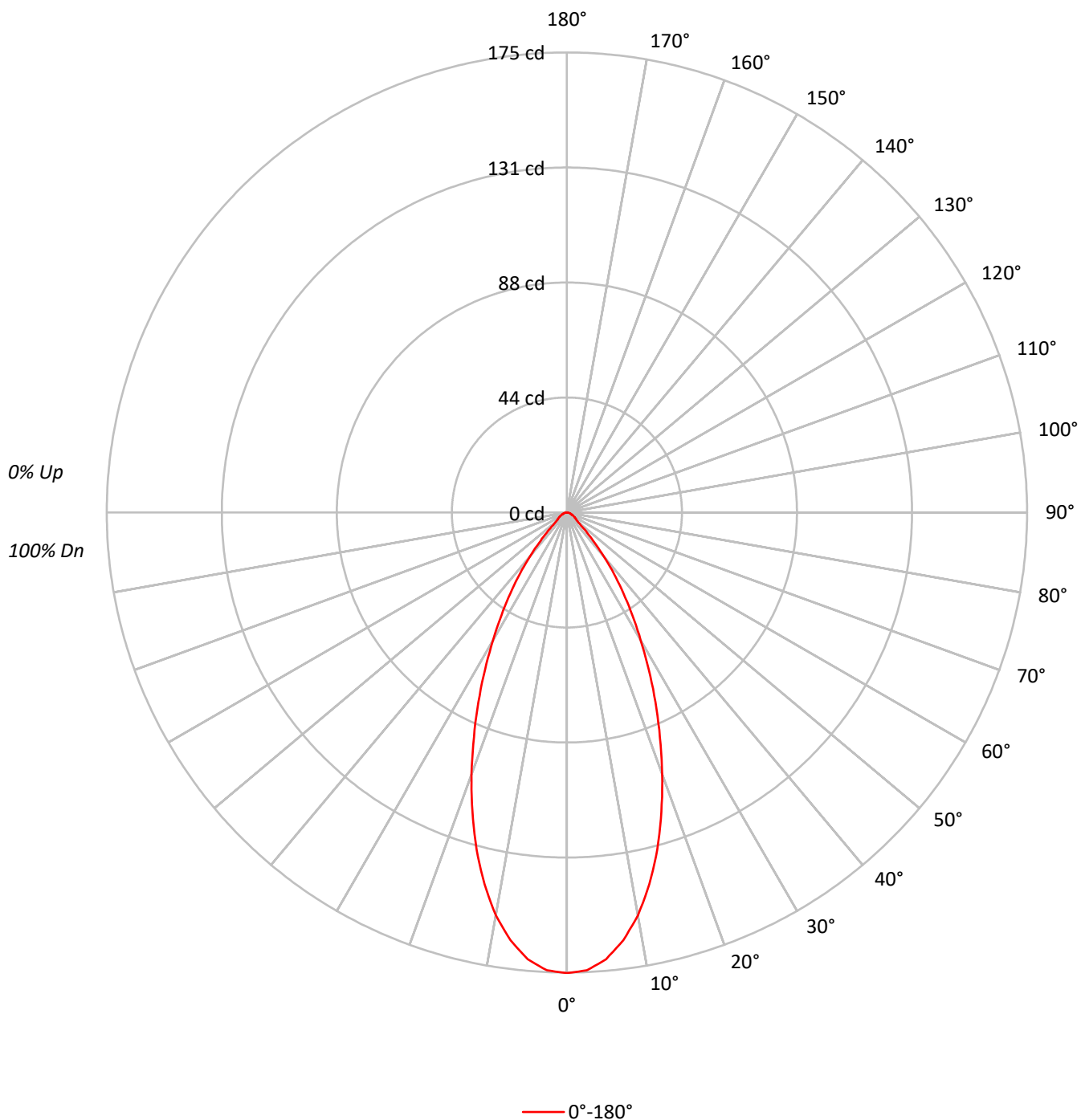
Lumens per Lamp: N/A
Luminaire Lumens: 129.0 lumens
Efficiency: N/A
Efficacy: 35.8 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1273081

CATALOG NUMBER: P3A02R459830DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1273081

CATALOG NUMBER: P3A02R459830DE010 E3DLP1H

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	107	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	62	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°	38418
5°	37552
10°	34646
15°	30125
20°	24735
25°	19259
30°	14205
35°	10012
40°	6240
45°	3380
50°	1842
55°	1567
60°	1403
65°	1193
70°	1026
75°	1101
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3380 cd/sqm

TEST NUMBER: P1273081

CATALOG NUMBER: P3A02R459830DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.8	12.2
10°-20°	36.7	28.4
20°-30°	36.4	28.2
30°-40°	23.4	18.2
40°-50°	9.0	7.0
50°-60°	3.7	2.9
60°-70°	2.3	1.8
70°-80°	1.3	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°	88.9	68.9
0°-40°	112.3	87.1
0°-60°	125.0	96.9
0°-90°	129.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	129.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	175	
5°	171	16
15°	133	37
25°	80	36
35°	37	23
45°	11	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1273081

CATALOG NUMBER: P3A02R459830DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	175.2
2.5°	174.3
5°	170.6
7.5°	164.1
10°	155.6
12.5°	144.8
15°	132.7
17.5°	119.4
20°	106.0
22.5°	92.4
25°	79.6
27.5°	67.4
30°	56.1
32.5°	46.3
35°	37.4
37.5°	29.3
40°	21.8
42.5°	15.7
45°	10.9
47.5°	7.3
50°	5.4
52.5°	4.5
55°	4.1
57.5°	3.6
60°	3.2
62.5°	2.7
65°	2.3
67.5°	2.0
70°	1.6
72.5°	1.4
75°	1.3
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)