

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: P1273128

Luminaire Tested: P3A02R559830DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273128
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R559830DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

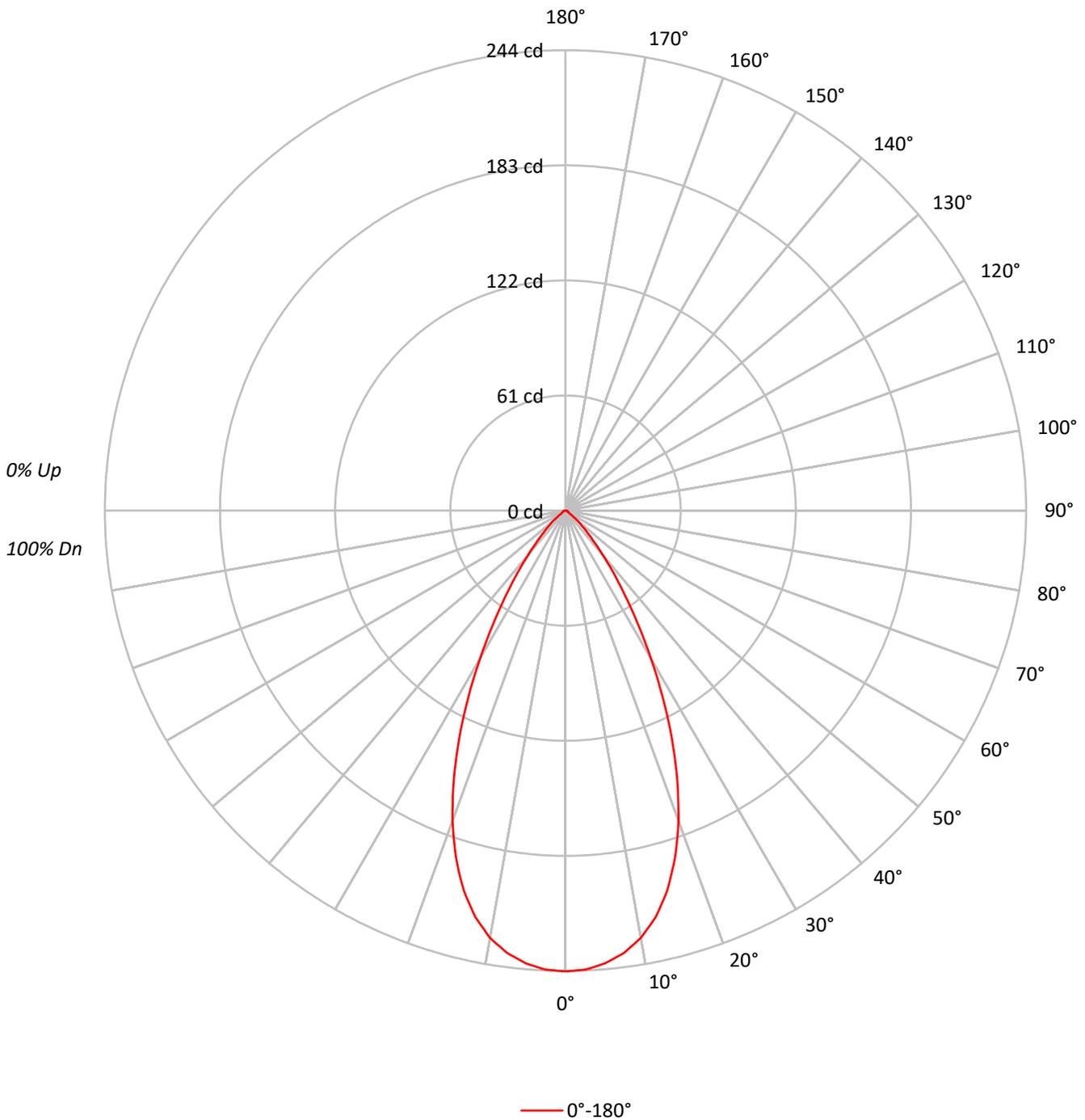
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 195.0 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
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: P1273128
CATALOG NUMBER: P3A02R559830DE010 E3DL1LI

Luminous Intensity Polar Plot





TEST NUMBER: P1273128

CATALOG NUMBER: P3A02R559830DE010 E3DL1LI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93		
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87		
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	85	82	81		
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77	75		
5	92	84	78	74	91	83	78	74	81	77	73	80	75	72	78	74	72	70		
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67	66		
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62		
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58		
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55		
10	73	63	57	53	72	62	57	53	62	57	53	61	56	53	60	56	53	52		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	53548
5°	53004
10°	51190
15°	47310
20°	40837
25°	32252
30°	22864
35°	14750
40°	8845
45°	4993
50°	2695
55°	956
60°	877
65°	830
70°	833
75°	763
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4993 cd/sqm



TEST NUMBER: P1273128

CATALOG NUMBER: P3A02R559830DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.6	11.6
10°-20°	57.6	29.6
20°-30°	60.4	31.0
30°-40°	35.2	18.1
40°-50°	13.2	6.8
50°-60°	3.1	1.6
60°-70°	1.6	0.8
70°-80°	0.9	0.5
80°-90°	0.3	0.1
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°	140.7	72.1
0°-40°	175.9	90.2
0°-60°	192.2	98.5
0°-90°	195.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	195.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	244	
5°	241	23
15°	208	58
25°	133	60
35°	55	35
45°	16	13
55°	2	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1273128
CATALOG NUMBER: P3A02R559830DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	244.2
2.5°	243.5
5°	240.8
7.5°	236.5
10°	229.9
12.5°	220.6
15°	208.4
17.5°	193.0
20°	175.0
22.5°	154.7
25°	133.3
27.5°	111.3
30°	90.3
32.5°	71.4
35°	55.1
37.5°	41.9
40°	30.9
42.5°	22.2
45°	16.1
47.5°	11.6
50°	7.9
52.5°	4.5
55°	2.5
57.5°	2.1
60°	2.0
62.5°	1.8
65°	1.6
67.5°	1.4
70°	1.3
72.5°	1.1
75°	0.9
77.5°	0.7
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)