

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: P1265211

Luminaire Tested: P3A13R559730DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265211
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R559730DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

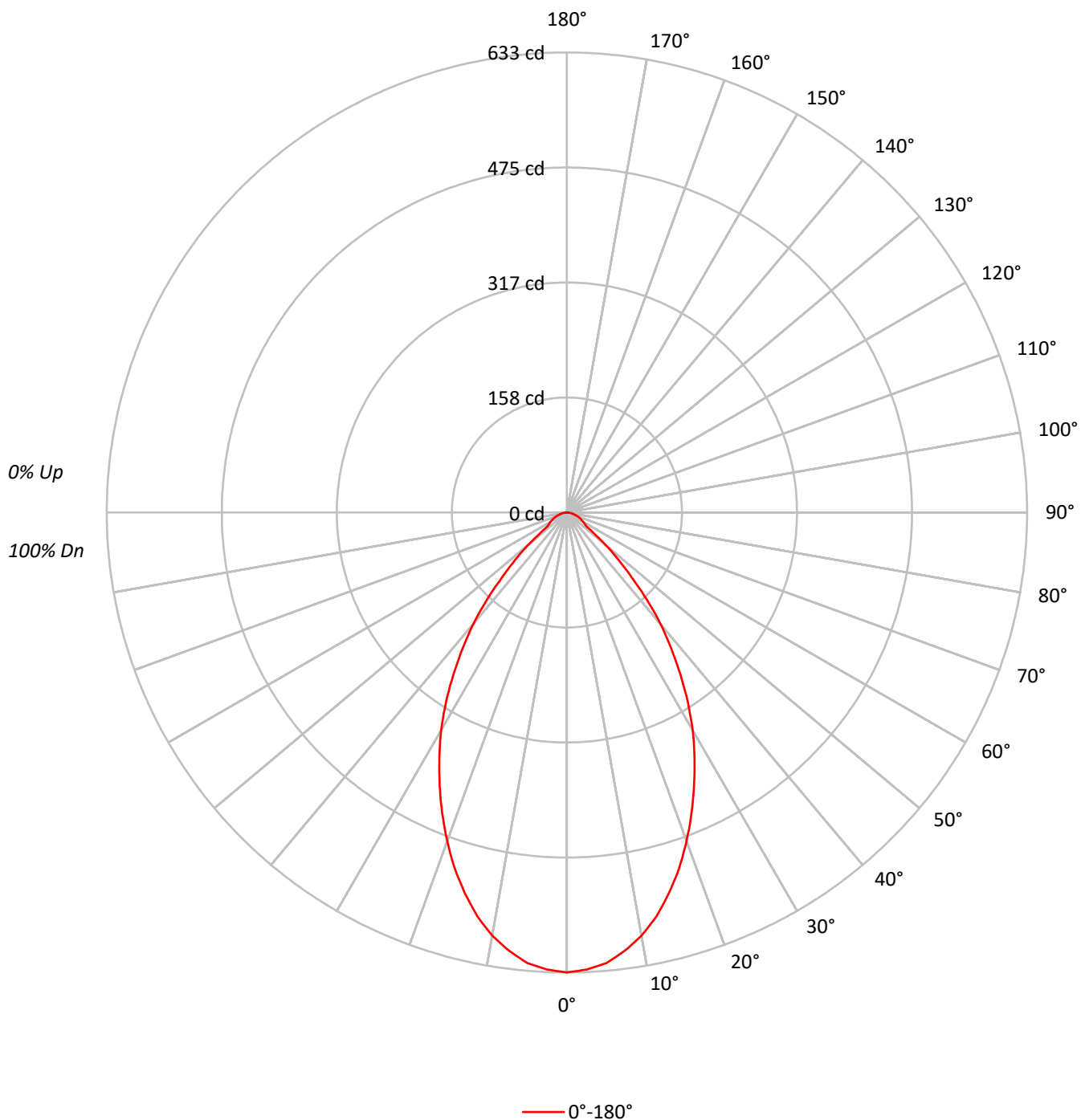
Lumens per Lamp: N/A
Luminaire Lumens: 738.0 lumens
Efficiency: N/A
Efficacy: 50.5 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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

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CATALOG NUMBER: P3A13R559730DE010 E3DLD1LI

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	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	138761
5°	137002
10°	131594
15°	123088
20°	112266
25°	100167
30°	87608
35°	72812
40°	57393
45°	38919
50°	23777
55°	12348
60°	11446
65°	10844
70°	10066
75°	8896
80°	8840
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38919 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.4	7.9
10°-20°	151.5	20.5
20°-30°	189.7	25.7
30°-40°	169.4	23.0
40°-50°	99.2	13.4
50°-60°	34.3	4.6
60°-70°	20.7	2.8
70°-80°	11.5	1.6
80°-90°	3.3	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°	399.6	54.2
0°-40°	569.0	77.1
0°-60°	702.5	95.2
0°-90°	738.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	738.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	633	
5°	622	58
15°	542	152
25°	414	190
35°	272	169
45°	126	99
55°	32	34
65°	21	21
75°	10	12
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	632.8
2.5°	629.3
5°	622.4
7.5°	608.4
10°	591.0
12.5°	569.2
15°	542.2
17.5°	513.4
20°	481.1
22.5°	448.0
25°	414.0
27.5°	380.0
30°	346.0
32.5°	309.4
35°	272.0
37.5°	235.3
40°	200.5
42.5°	163.0
45°	125.5
47.5°	95.9
50°	69.7
52.5°	45.3
55°	32.3
57.5°	28.8
60°	26.1
62.5°	23.5
65°	20.9
67.5°	18.3
70°	15.7
72.5°	13.1
75°	10.5
77.5°	8.7
80°	7.0
82.5°	4.4
85°	2.6
87.5°	1.7
90°	0.0

(END OF REPORT)