

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: P1270027

Luminaire Tested: P3A13R659740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270027
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

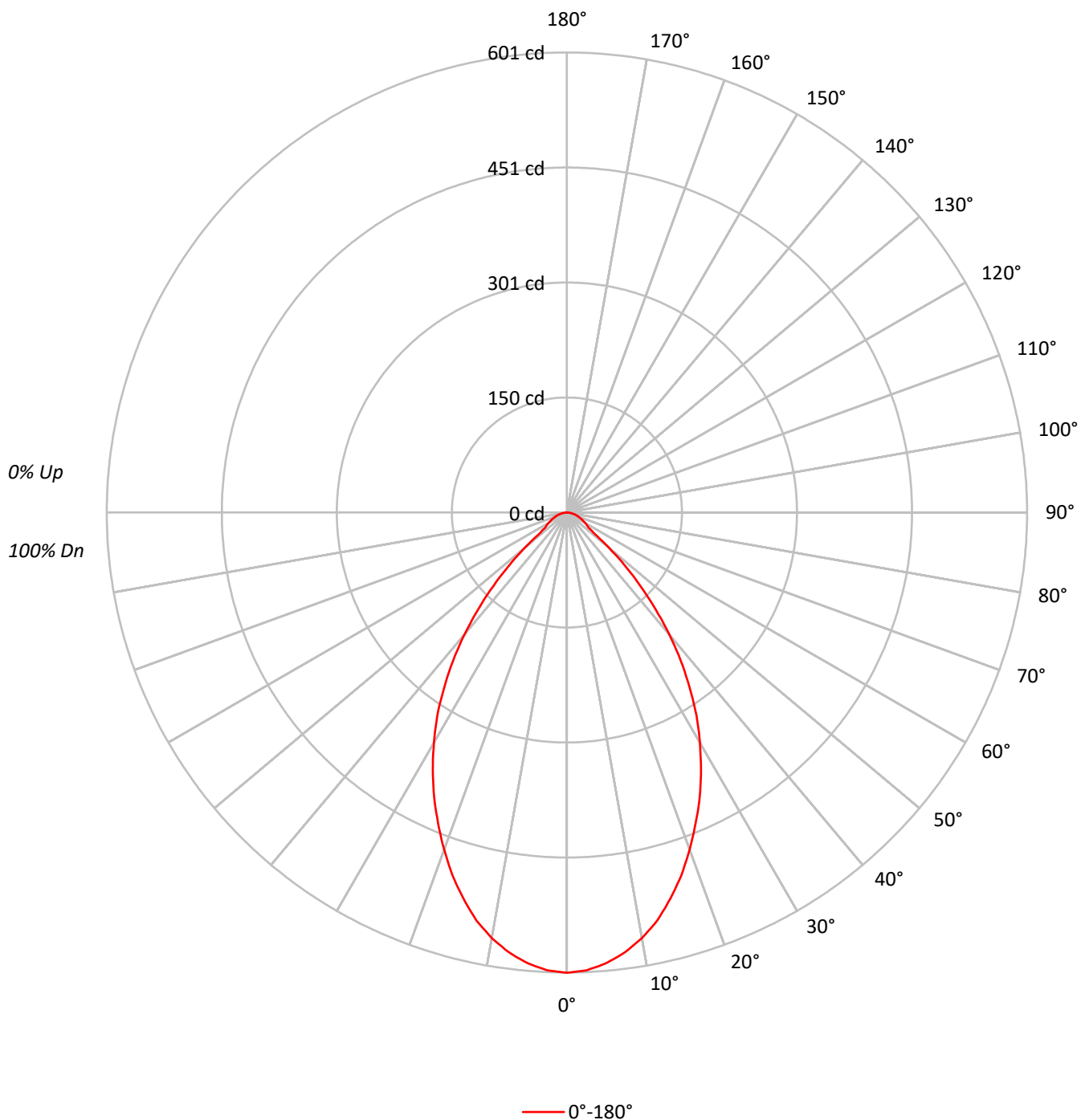
Lumens per Lamp: N/A
Luminaire Lumens: 741.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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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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	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	131853
5°	130090
10°	125716
15°	118570
20°	109373
25°	99272
30°	87938
35°	74820
40°	59540
45°	42020
50°	24392
55°	13304
60°	12367
65°	11207
70°	10258
75°	9574
80°	8334
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42020 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.6	7.5
10°-20°	146.1	19.7
20°-30°	187.8	25.3
30°-40°	173.7	23.4
40°-50°	104.9	14.2
50°-60°	35.8	4.8
60°-70°	21.5	2.9
70°-80°	12.2	1.6
80°-90°	3.5	0.5
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°	389.5	52.6
0°-40°	563.2	76.0
0°-60°	703.9	95.0
0°-90°	741.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	741.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	601	
5°	591	56
15°	522	146
25°	410	188
35°	280	174
45°	136	105
55°	35	36
65°	22	22
75°	11	12
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	601.3
2.5°	598.5
5°	591.0
7.5°	579.7
10°	564.6
12.5°	545.8
15°	522.3
17.5°	496.9
20°	468.7
22.5°	439.5
25°	410.3
27.5°	379.3
30°	347.3
32.5°	315.3
35°	279.5
37.5°	244.7
40°	208.0
42.5°	171.3
45°	135.5
47.5°	102.6
50°	71.5
52.5°	45.2
55°	34.8
57.5°	31.1
60°	28.2
62.5°	24.5
65°	21.6
67.5°	18.8
70°	16.0
72.5°	14.1
75°	11.3
77.5°	9.4
80°	6.6
82.5°	4.7
85°	2.8
87.5°	1.9
90°	0.0

(END OF REPORT)