

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: P1267619

Luminaire Tested: P3A13R609735DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267619
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R609735DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

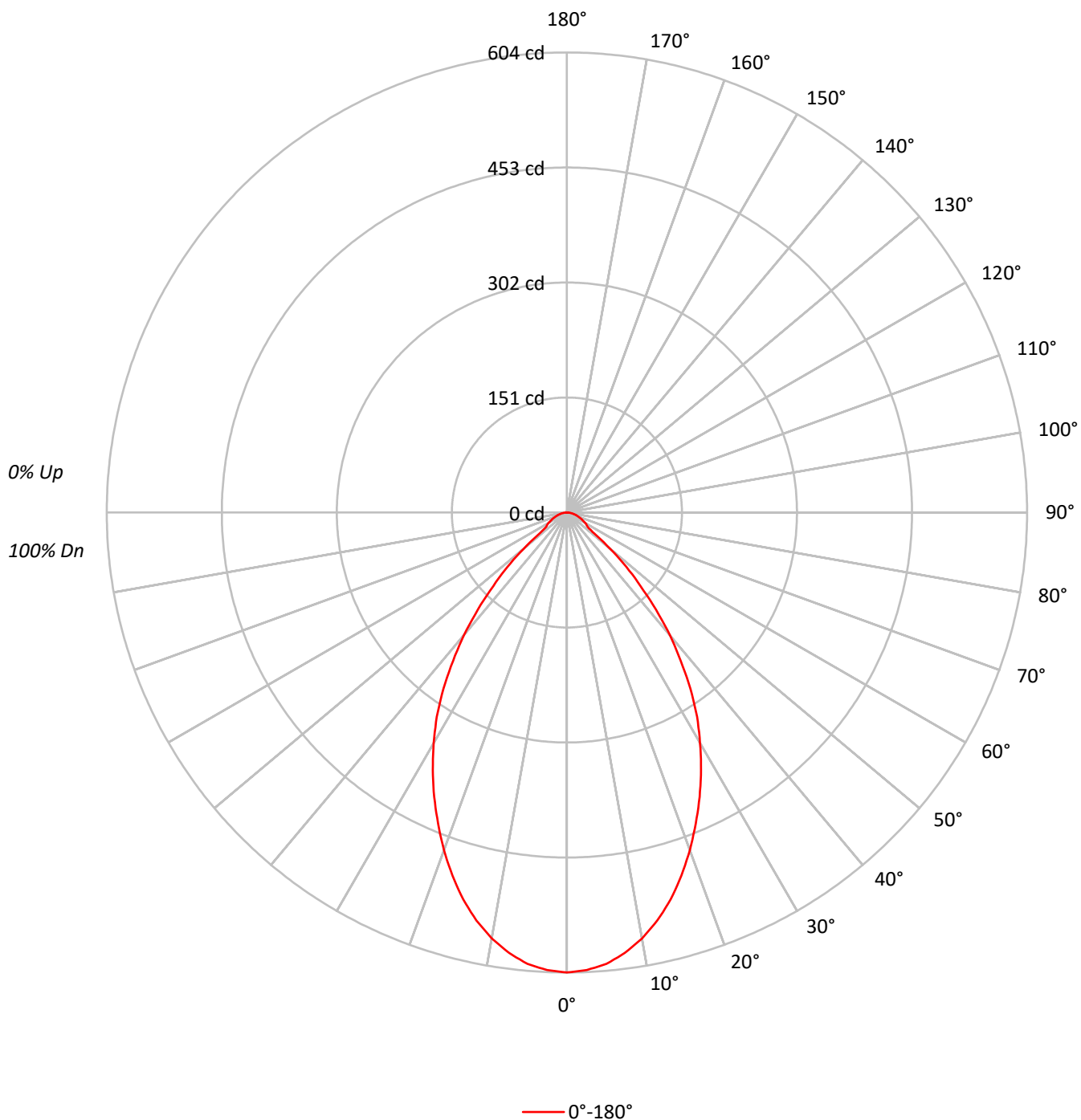
Lumens per Lamp: N/A
Luminaire Lumens: 746.0 lumens
Efficiency: N/A
Efficacy: 51.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	132424
5°	130948
10°	126406
15°	119410
20°	110073
25°	99683
30°	88495
35°	75623
40°	60141
45°	42392
50°	25313
55°	12807
60°	12324
65°	11259
70°	10450
75°	9997
80°	9092
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42392 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.9	7.5
10°-20°	147.0	19.7
20°-30°	188.8	25.3
30°-40°	175.0	23.5
40°-50°	106.5	14.3
50°-60°	35.5	4.8
60°-70°	21.6	2.9
70°-80°	12.2	1.6
80°-90°	3.4	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°	391.7	52.5
0°-40°	566.7	76.0
0°-60°	708.8	95.0
0°-90°	746.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	746.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	604	
5°	595	56
15°	526	147
25°	412	189
35°	282	175
45°	137	107
55°	34	36
65°	22	22
75°	12	12
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	603.9
2.5°	601.2
5°	594.9
7.5°	583.1
10°	567.7
12.5°	548.7
15°	526.0
17.5°	499.8
20°	471.7
22.5°	441.8
25°	412.0
27.5°	381.2
30°	349.5
32.5°	317.8
35°	282.5
37.5°	245.4
40°	210.1
42.5°	172.9
45°	136.7
47.5°	105.9
50°	74.2
52.5°	44.4
55°	33.5
57.5°	30.8
60°	28.1
62.5°	24.4
65°	21.7
67.5°	19.0
70°	16.3
72.5°	13.6
75°	11.8
77.5°	9.1
80°	7.2
82.5°	4.5
85°	2.7
87.5°	1.8
90°	0.0

(END OF REPORT)