

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: P1268797

Luminaire Tested: P3A02R609740DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268797
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: P3A02R609740DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

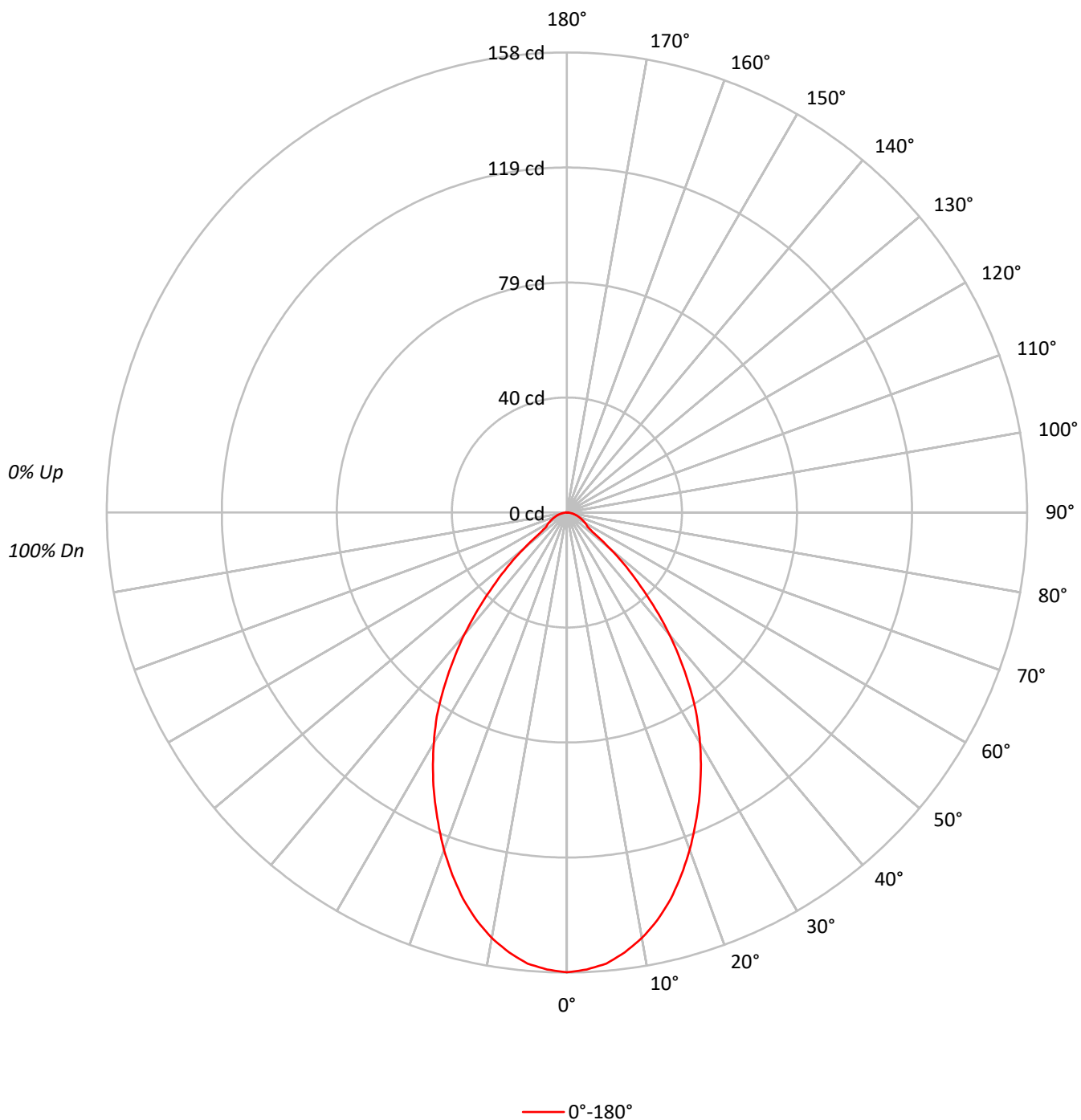
Lumens per Lamp: N/A
Luminaire Lumens: 195.0 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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°	34624
5°	34228
10°	33043
15°	31215
20°	28773
25°	26058
30°	23143
35°	19756
40°	15715
45°	11071
50°	6618
55°	3364
60°	3201
65°	2958
70°	2757
75°	2626
80°	2399
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11071 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.6	7.5
10°-20°	38.4	19.7
20°-30°	49.3	25.3
30°-40°	45.7	23.5
40°-50°	27.8	14.3
50°-60°	9.3	4.8
60°-70°	5.7	2.9
70°-80°	3.2	1.6
80°-90°	0.9	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°	102.4	52.5
0°-40°	148.1	75.9
0°-60°	185.2	95.0
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°	158	
5°	156	15
15°	138	38
25°	108	49
35°	74	46
45°	36	28
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	157.9
2.5°	157.1
5°	155.5
7.5°	152.4
10°	148.4
12.5°	143.4
15°	137.5
17.5°	130.6
20°	123.3
22.5°	115.5
25°	107.7
27.5°	99.6
30°	91.4
32.5°	83.1
35°	73.8
37.5°	64.1
40°	54.9
42.5°	45.2
45°	35.7
47.5°	27.7
50°	19.4
52.5°	11.6
55°	8.8
57.5°	8.0
60°	7.3
62.5°	6.4
65°	5.7
67.5°	5.0
70°	4.3
72.5°	3.6
75°	3.1
77.5°	2.4
80°	1.9
82.5°	1.2
85°	0.7
87.5°	0.5
90°	0.0

(END OF REPORT)