

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: P1273164

Luminaire Tested: P3A02R609830DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273164
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: P3A02R609830DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

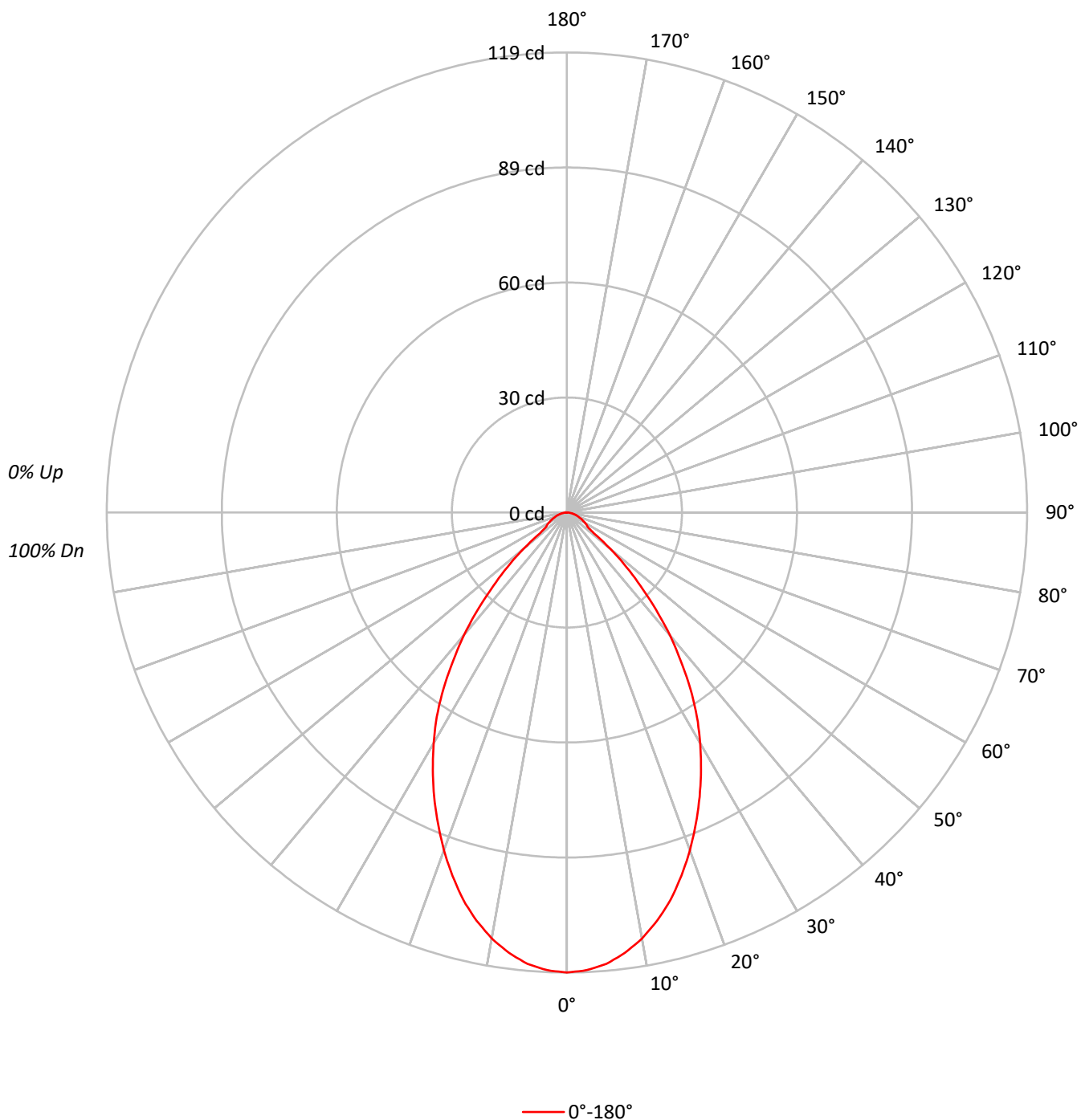
Lumens per Lamp: N/A
Luminaire Lumens: 147.0 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	98	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	71		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°	26094
5°	25798
10°	24916
15°	23542
20°	21702
25°	19646
30°	17446
35°	14910
40°	11851
45°	8342
50°	4981
55°	2523
60°	2412
65°	2231
70°	2052
75°	1949
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8342 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.0	7.5
10°-20°	29.0	19.7
20°-30°	37.2	25.3
30°-40°	34.5	23.5
40°-50°	21.0	14.3
50°-60°	7.0	4.8
60°-70°	4.2	2.9
70°-80°	2.4	1.6
80°-90°	0.7	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°	77.2	52.5
0°-40°	111.7	76.0
0°-60°	139.7	95.0
0°-90°	147.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	147.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	119	
5°	117	11
15°	104	29
25°	81	37
35°	56	34
45°	27	21
55°	7	7
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	119.0
2.5°	118.5
5°	117.2
7.5°	114.9
10°	111.9
12.5°	108.1
15°	103.7
17.5°	98.5
20°	93.0
22.5°	87.1
25°	81.2
27.5°	75.1
30°	68.9
32.5°	62.6
35°	55.7
37.5°	48.3
40°	41.4
42.5°	34.1
45°	26.9
47.5°	20.9
50°	14.6
52.5°	8.7
55°	6.6
57.5°	6.1
60°	5.5
62.5°	4.8
65°	4.3
67.5°	3.7
70°	3.2
72.5°	2.7
75°	2.3
77.5°	1.8
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.4
90°	0.0

(END OF REPORT)