

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: P1269291

Luminaire Tested: P3A09R109740DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269291
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R109740DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R10 optic, 4000K CCT AND, 97CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

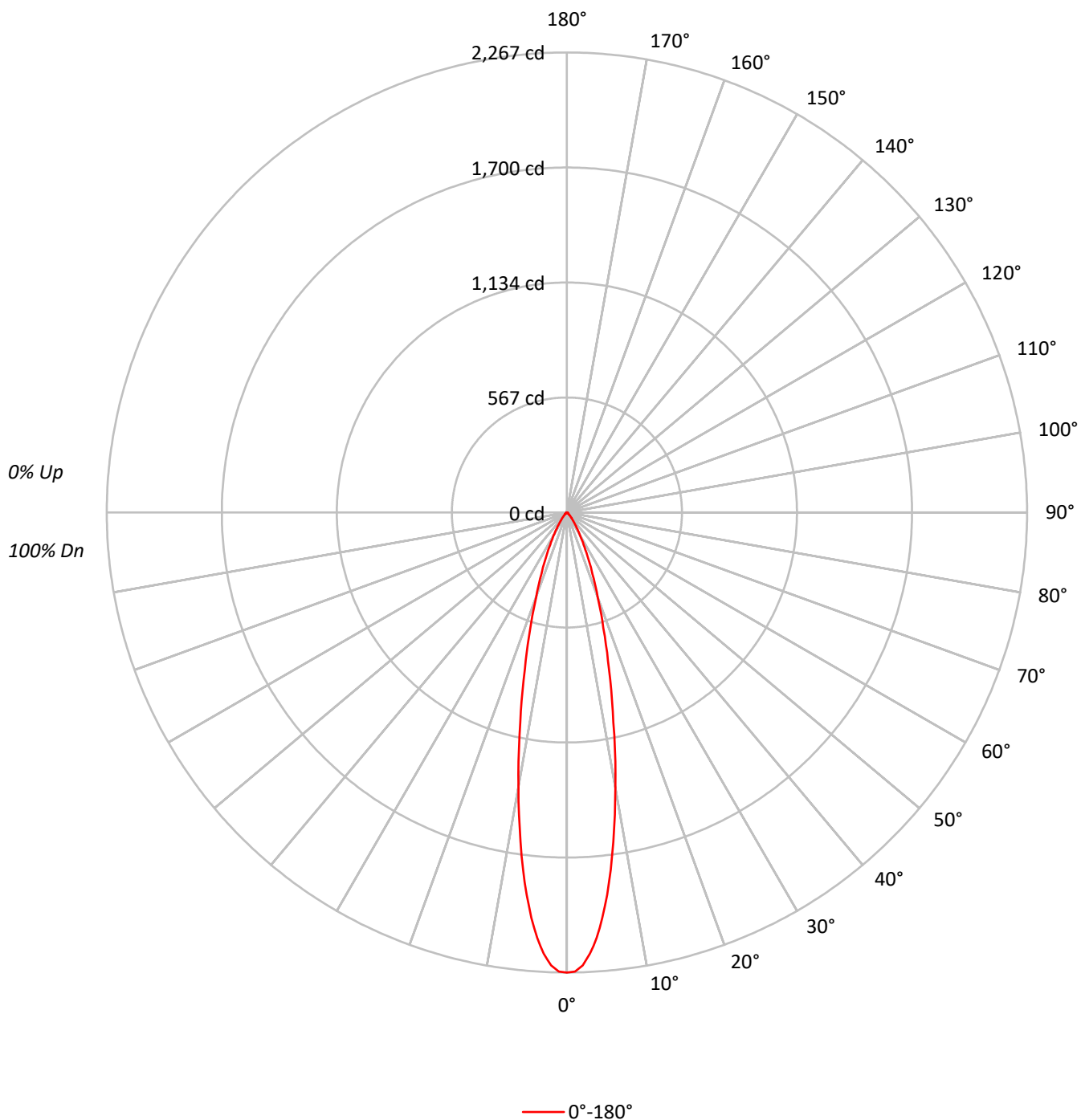
Lumens per Lamp: N/A
Luminaire Lumens: 581.9 lumens
Efficiency: N/A
Efficacy: 46.6 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.5
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89	87	85	83
5	98	92	87	84	97	91	87	83	89	86	83		88	84	82		86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73		79	76	73		78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	497175
5°	441315
10°	306474
15°	181250
20°	103236
25°	59011
30°	32663
35°	17400
40°	9618
45°	5210
50°	3241
55°	2561
60°	2193
65°	2024
70°	1795
75°	1864
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5210 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.5	29.3
10°-20°	225.0	38.7
20°-30°	115.9	19.9
30°-40°	43.5	7.5
40°-50°	14.2	2.4
50°-60°	6.1	1.0
60°-70°	3.9	0.7
70°-80°	2.3	0.4
80°-90°	0.6	0.1
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°	511.4	87.9
0°-40°	554.8	95.3
0°-60°	575.2	98.8
0°-90°	581.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	581.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2267	
5°	2005	170
15°	798	225
25°	244	116
35°	65	43
45°	17	14
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2267.3
1°	2262.8
2°	2233.1
3°	2176.5
4°	2101.9
5°	2004.9
6°	1895.0
7°	1774.5
8°	1640.5
9°	1508.2
10°	1376.4
12.5°	1059.1
15°	798.4
17.5°	597.7
20°	442.4
22.5°	330.2
25°	243.9
27.5°	177.7
30°	129.0
32.5°	91.4
35°	65.0
37.5°	46.5
40°	33.6
42.5°	24.1
45°	16.8
47.5°	12.3
50°	9.5
52.5°	7.8
55°	6.7
57.5°	5.6
60°	5.0
62.5°	4.5
65°	3.9
67.5°	3.4
70°	2.8
72.5°	2.8
75°	2.2
77.5°	1.7
80°	1.1
82.5°	1.1
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)