

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: P1273758

Luminaire Tested: P3A09R459830DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273758
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R459830DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

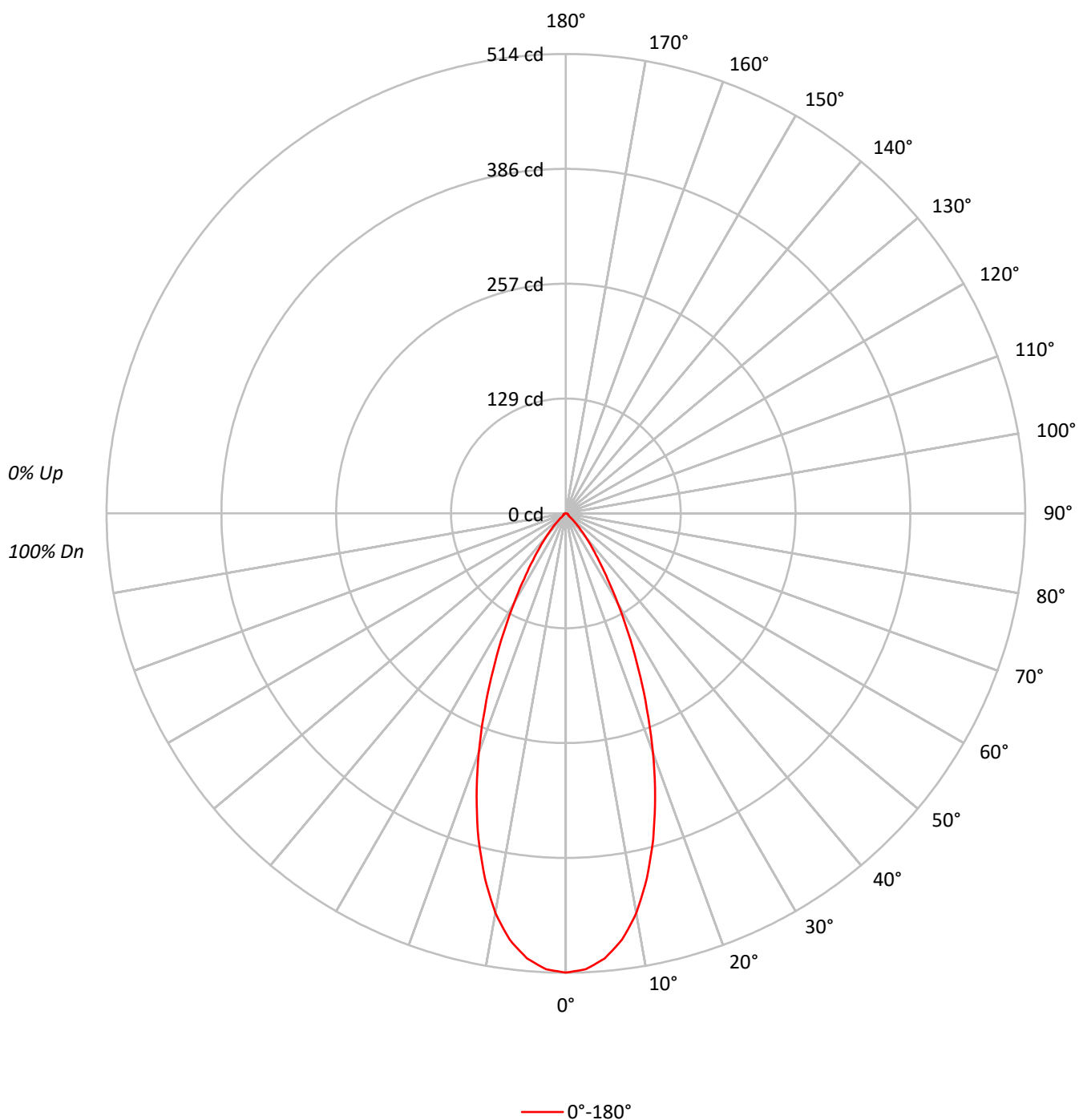
Lumens per Lamp: N/A
Luminaire Lumens: 300.0 lumens
Efficiency: N/A
Efficacy: 27.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94		
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88		
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83		
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78		
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74		
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70		
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66		
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62		
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59		
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112666
5°	110015
10°	101134
15°	85699
20°	66482
25°	46478
30°	29270
35°	17239
40°	9761
45°	4745
50°	1637
55°	1338
60°	1316
65°	1245
70°	1218
75°	1101
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4745 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.3	15.4
10°-20°	103.7	34.6
20°-30°	88.0	29.3
30°-40°	42.0	14.0
40°-50°	12.6	4.2
50°-60°	3.2	1.1
60°-70°	2.4	0.8
70°-80°	1.4	0.5
80°-90°	0.4	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°	237.9	79.3
0°-40°	279.9	93.3
0°-60°	295.8	98.6
0°-90°	300.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	300.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	514	
5°	500	46
15°	378	104
25°	192	88
35°	64	42
45°	15	13
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	513.8
2.5°	510.6
5°	499.8
7.5°	481.3
10°	454.2
12.5°	418.3
15°	377.5
17.5°	332.1
20°	284.9
22.5°	236.9
25°	192.1
27.5°	151.3
30°	115.6
32.5°	86.9
35°	64.4
37.5°	47.5
40°	34.1
42.5°	23.6
45°	15.3
47.5°	8.6
50°	4.8
52.5°	3.8
55°	3.5
57.5°	3.2
60°	3.0
62.5°	2.7
65°	2.4
67.5°	2.1
70°	1.9
72.5°	1.6
75°	1.3
77.5°	1.1
80°	0.8
82.5°	0.5
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)