

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: P1269786

Luminaire Tested: P3A13R259740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269786
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

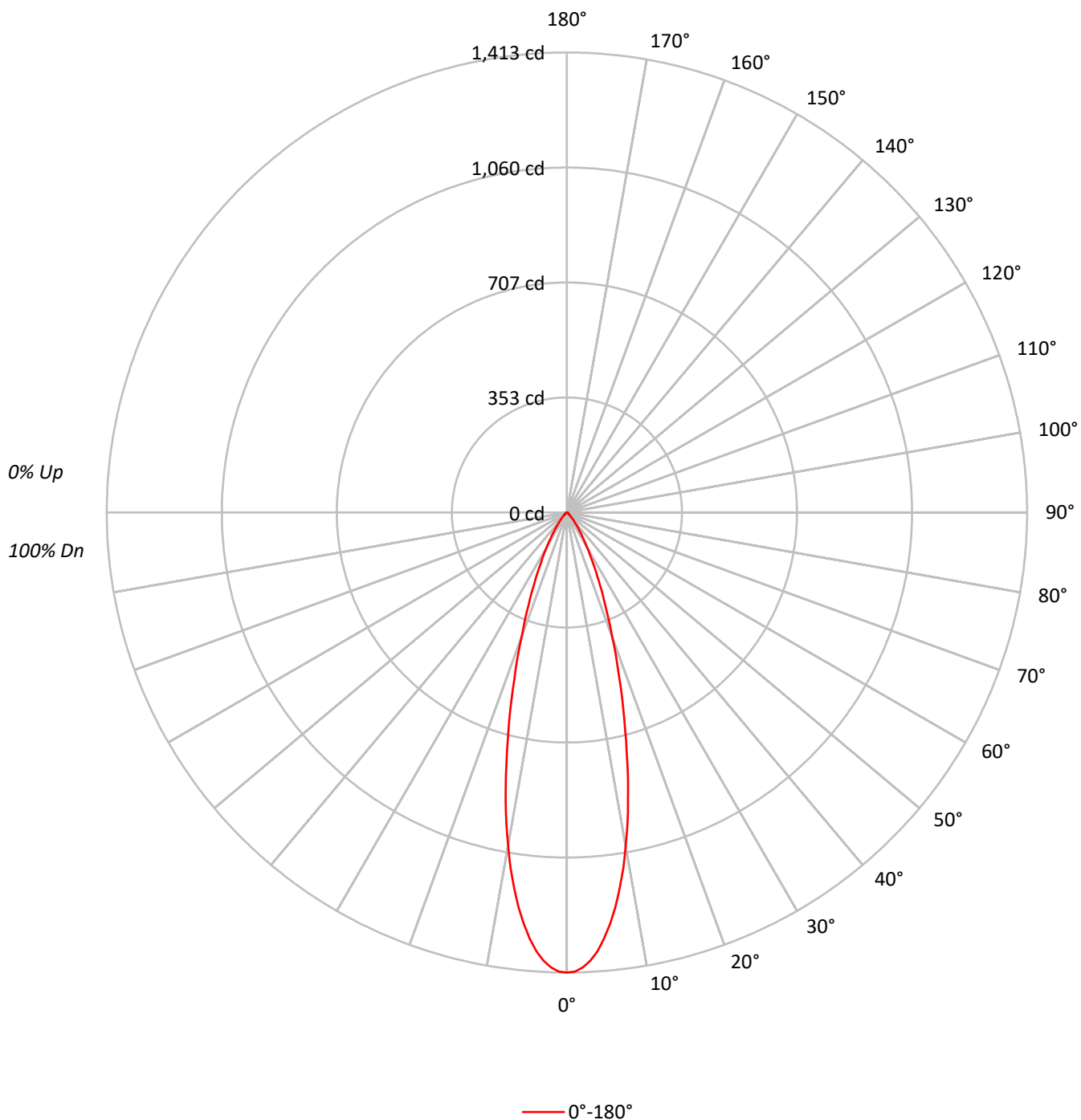
Lumens per Lamp: N/A
Luminaire Lumens: 483.0 lumens
Efficiency: N/A
Efficacy: 33.1 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	89	88
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	85	84
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	81	80
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	77	76
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	74	73
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	71	70
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	68	67
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	65	64
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	63	62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	309822
5°	289059
10°	231570
15°	157186
20°	95115
25°	55624
30°	31676
35°	17427
40°	9246
45°	4869
50°	2831
55°	2103
60°	1842
65°	1920
70°	1795
75°	1525
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4869 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.5	24.1
10°-20°	190.4	39.4
20°-30°	108.8	22.5
30°-40°	42.9	8.9
40°-50°	13.2	2.7
50°-60°	5.2	1.1
60°-70°	3.5	0.7
70°-80°	1.9	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°	415.7	86.1
0°-40°	458.6	94.9
0°-60°	477.0	98.7
0°-90°	483.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	483.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1413	
5°	1313	117
15°	692	190
25°	230	109
35°	65	43
45°	16	13
55°	6	5
65°	4	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1412.9
1°	1410.2
2°	1398.6
3°	1378.3
4°	1350.1
5°	1313.2
6°	1269.8
7°	1220.9
8°	1164.1
9°	1106.0
10°	1040.0
11°	974.9
12°	903.3
13°	832.7
14°	760.2
15°	692.4
17.5°	536.8
20°	407.6
22.5°	306.0
25°	229.9
27.5°	170.3
30°	125.1
32.5°	90.5
35°	65.1
37.5°	46.2
40°	32.3
42.5°	22.2
45°	15.7
47.5°	11.1
50°	8.3
52.5°	6.5
55°	5.5
57.5°	5.1
60°	4.2
62.5°	3.7
65°	3.7
67.5°	3.2
70°	2.8
72.5°	2.3
75°	1.8
77.5°	1.4
80°	0.9
82.5°	0.9
85°	0.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)