

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: P1265064

Luminaire Tested: P3A13R309730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265064
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R309730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

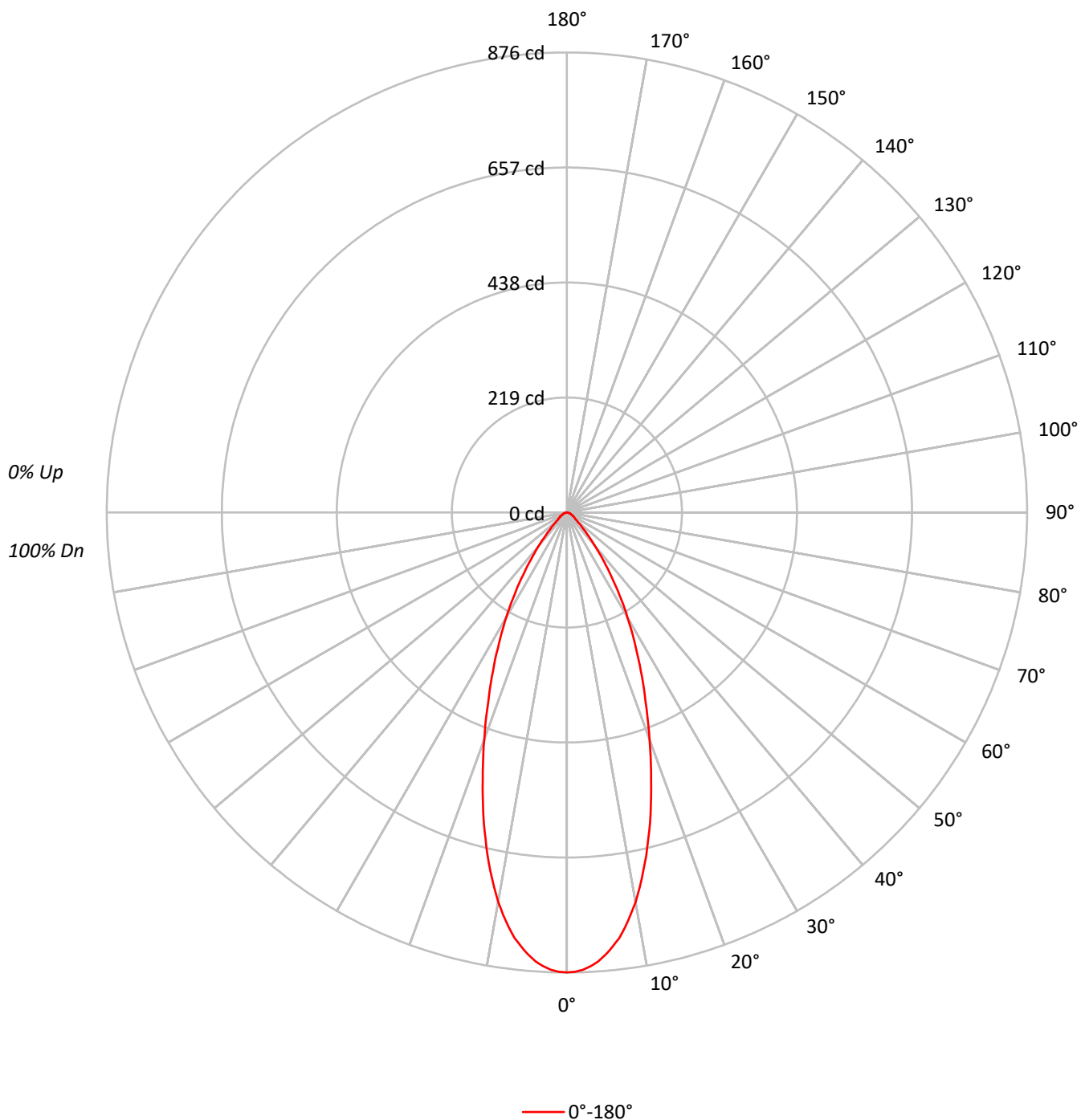
Lumens per Lamp: N/A
Luminaire Lumens: 562.0 lumens
Efficiency: N/A
Efficacy: 38.5 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	192046
5°	186066
10°	167643
15°	138684
20°	107366
25°	80545
30°	58465
35°	38949
40°	23959
45°	14048
50°	8631
55°	6996
60°	6096
65°	4981
70°	4488
75°	4406
80°	3283
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14048 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.8	13.8
10°-20°	168.2	29.9
20°-30°	153.1	27.2
30°-40°	92.5	16.5
40°-50°	37.1	6.6
50°-60°	16.4	2.9
60°-70°	9.9	1.8
70°-80°	5.4	1.0
80°-90°	1.5	0.3
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°	399.1	71.0
0°-40°	491.6	87.5
0°-60°	545.1	97.0
0°-90°	562.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	562.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	876	
5°	845	78
15°	611	168
25°	333	153
35°	146	93
45°	45	37
55°	18	16
65°	10	10
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	875.8
1°	874.9
2°	871.4
3°	865.3
4°	856.6
5°	845.3
6°	831.4
7°	816.5
8°	797.4
9°	775.6
10°	752.9
11°	726.8
12°	698.9
13°	671.0
14°	640.5
15°	610.9
17.5°	533.3
20°	460.1
22.5°	392.1
25°	332.9
27.5°	278.9
30°	230.9
32.5°	186.5
35°	145.5
37.5°	111.5
40°	83.7
42.5°	61.0
45°	45.3
47.5°	34.0
50°	25.3
52.5°	20.0
55°	18.3
57.5°	15.7
60°	13.9
62.5°	11.3
65°	9.6
67.5°	8.7
70°	7.0
72.5°	6.1
75°	5.2
77.5°	4.4
80°	2.6
82.5°	1.7
85°	1.7
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)