

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: P1262685

Luminaire Tested: P3A13R309727DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262685
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: P3A13R309727DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

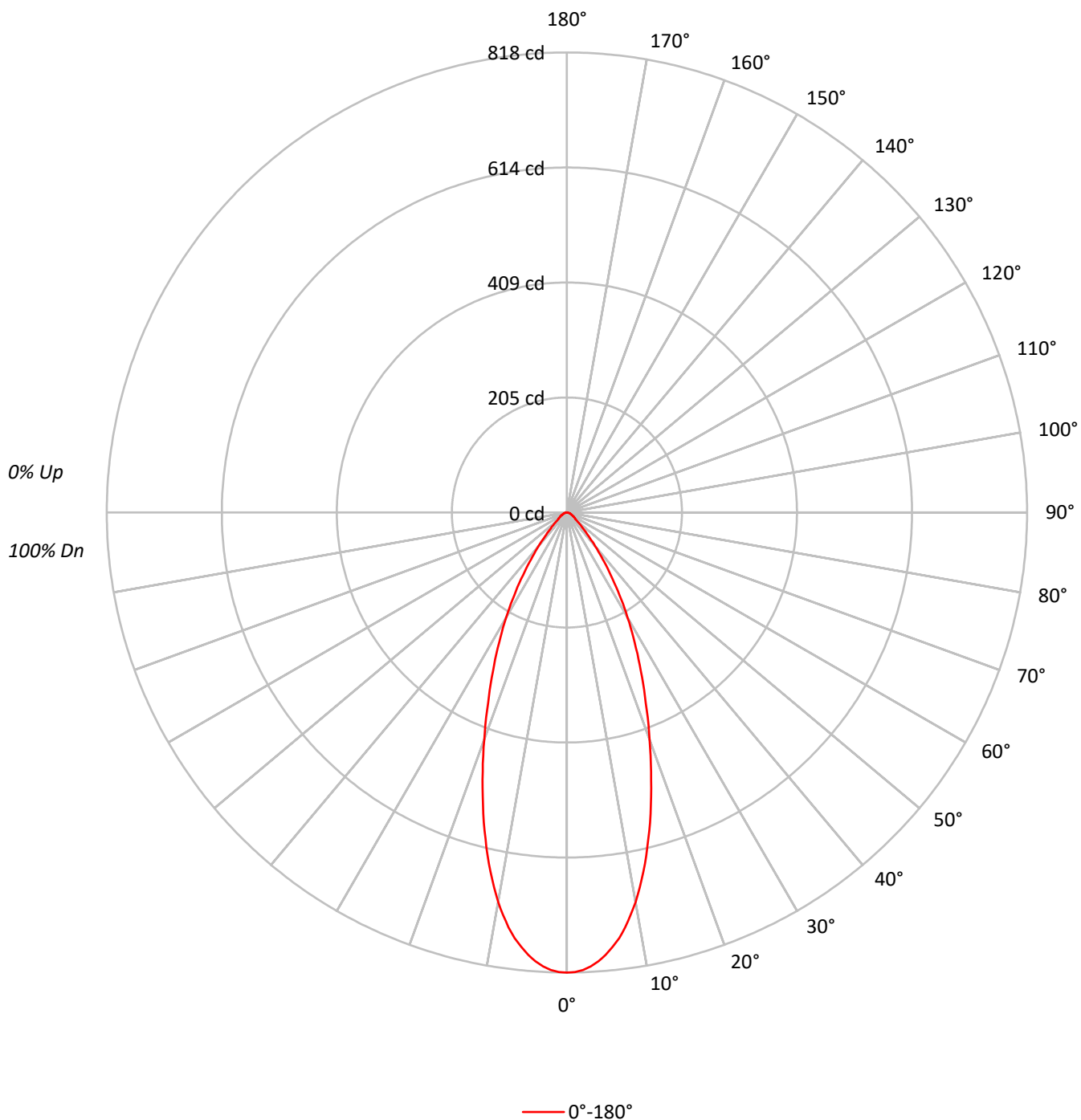
Lumens per Lamp: N/A
Luminaire Lumens: 525.0 lumens
Efficiency: N/A
Efficacy: 36.0 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	179394
5°	173805
10°	156621
15°	129558
20°	100295
25°	75246
30°	54616
35°	36379
40°	22385
45°	13118
50°	8051
55°	6537
60°	5701
65°	4670
70°	4167
75°	4151
80°	3031
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13118 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.6	13.8
10°-20°	157.2	29.9
20°-30°	143.0	27.2
30°-40°	86.4	16.5
40°-50°	34.7	6.6
50°-60°	15.3	2.9
60°-70°	9.3	1.8
70°-80°	5.1	1.0
80°-90°	1.4	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°	372.8	71.0
0°-40°	459.2	87.5
0°-60°	509.2	97.0
0°-90°	525.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	525.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	818	
5°	790	73
15°	571	157
25°	311	143
35°	136	86
45°	42	35
55°	17	15
65°	9	9
75°	5	5
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	818.1
1°	817.3
2°	814.1
3°	808.4
4°	800.2
5°	789.6
6°	776.6
7°	762.8
8°	744.9
9°	724.5
10°	703.4
11°	678.9
12°	652.9
13°	626.8
14°	598.3
15°	570.7
17.5°	498.2
20°	429.8
22.5°	366.3
25°	311.0
27.5°	260.5
30°	215.7
32.5°	174.2
35°	135.9
37.5°	104.2
40°	78.2
42.5°	57.0
45°	42.3
47.5°	31.7
50°	23.6
52.5°	18.7
55°	17.1
57.5°	14.7
60°	13.0
62.5°	10.6
65°	9.0
67.5°	8.1
70°	6.5
72.5°	5.7
75°	4.9
77.5°	4.1
80°	2.4
82.5°	1.6
85°	1.6
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)