

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: P1262653

Luminaire Tested: P3A13R259727DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262653
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259727DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

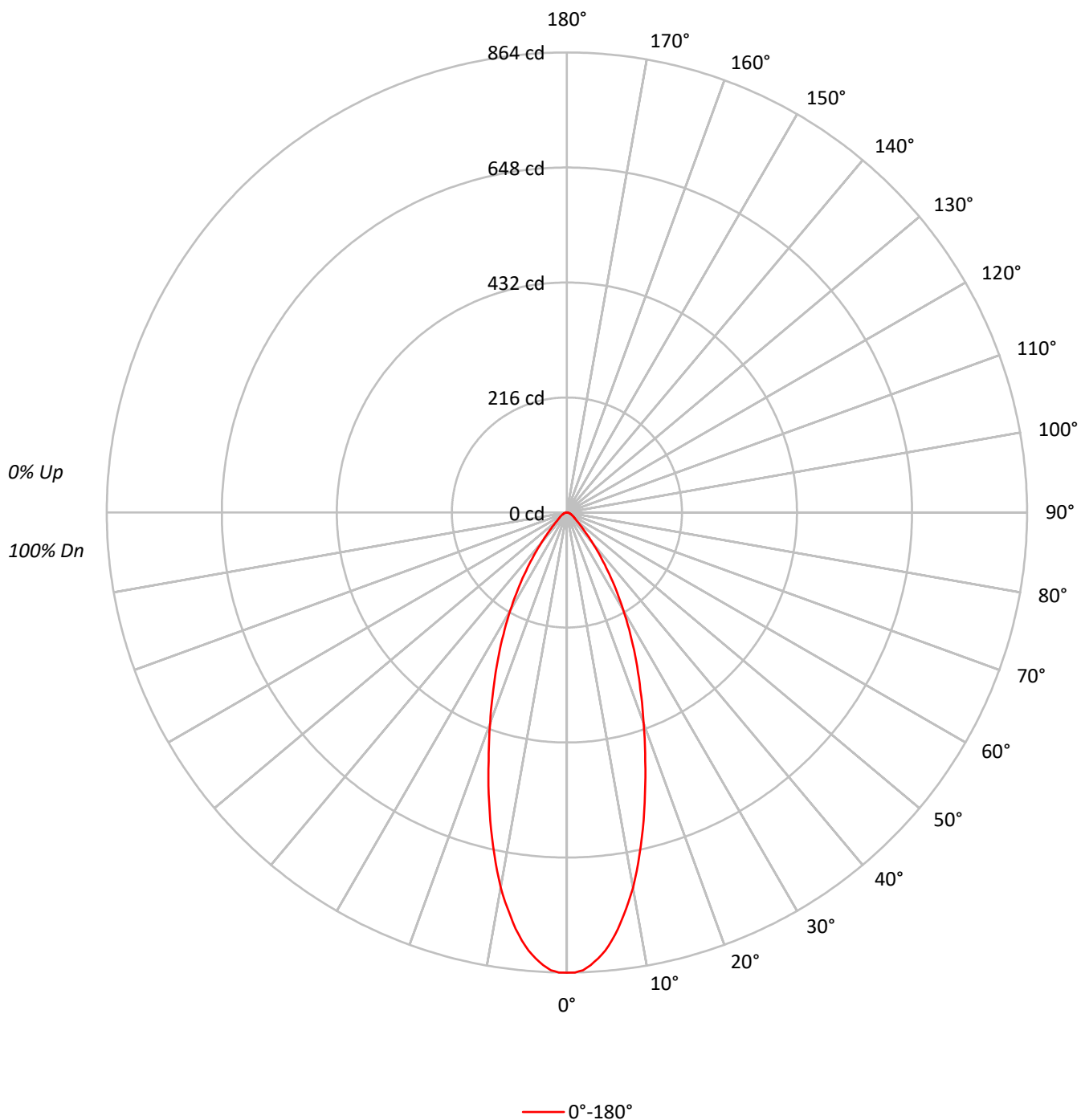
Lumens per Lamp: N/A
Luminaire Lumens: 522.0 lumens
Efficiency: N/A
Efficacy: 35.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1262653

CATALOG NUMBER: P3A13R259727DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1262653

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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	101		100	99	98		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	86	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	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	189524
5°	181818
10°	159271
15°	128037
20°	98359
25°	74424
30°	53780
35°	35737
40°	21669
45°	12621
50°	8051
55°	6537
60°	5701
65°	5085
70°	4167
75°	4151
80°	3031
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12621 cd/sqm

TEST NUMBER: P1262653

CATALOG NUMBER: P3A13R259727DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.2	14.4
10°-20°	155.9	29.9
20°-30°	141.0	27.0
30°-40°	84.7	16.2
40°-50°	33.6	6.4
50°-60°	15.5	3.0
60°-70°	9.5	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°	372.2	71.3
0°-40°	456.9	87.5
0°-60°	506.0	96.9
0°-90°	522.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	522.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	864	
5°	826	75
15°	564	156
25°	308	141
35°	134	85
45°	41	34
55°	17	15
65°	10	9
75°	5	5
85°	2	1
90°	0	

TEST NUMBER: P1262653

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CANDELA DISTRIBUTION (FULL):

0°	
0°	864.3
1°	864.3
2°	860.2
3°	851.2
4°	839.8
5°	826.0
6°	808.1
7°	787.8
8°	764.2
9°	740.6
10°	715.3
11°	686.0
12°	655.9
13°	625.8
14°	595.7
15°	564.0
17.5°	489.1
20°	421.5
22.5°	360.5
25°	307.6
27.5°	258.0
30°	212.4
32.5°	170.9
35°	133.5
37.5°	101.7
40°	75.7
42.5°	55.3
45°	40.7
47.5°	30.9
50°	23.6
52.5°	19.5
55°	17.1
57.5°	14.6
60°	13.0
62.5°	10.6
65°	9.8
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



TEST NUMBER: P1262653
CATALOG NUMBER: P3A13R259727DE010 E3DL1WH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)