

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: P1262889

Luminaire Tested: P3A13R659727DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262889
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659727DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

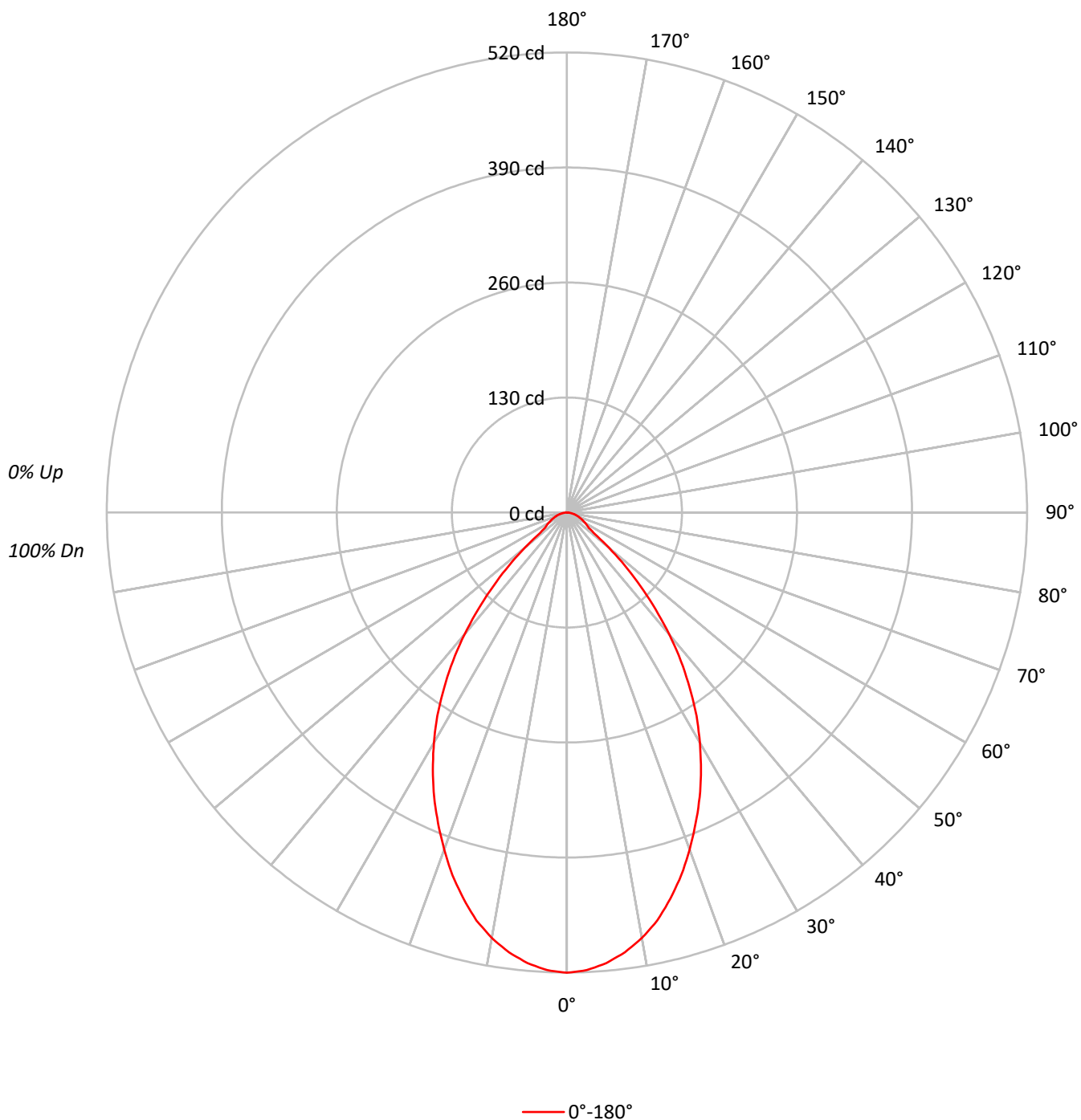
Lumens per Lamp: N/A
Luminaire Lumens: 641.0 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	114070
5°	112524
10°	108749
15°	102566
20°	94602
25°	85868
30°	76062
35°	64728
40°	51496
45°	36345
50°	21117
55°	11507
60°	10701
65°	9703
70°	8848
75°	8303
80°	7198
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36345 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.1	7.5
10°-20°	126.4	19.7
20°-30°	162.4	25.3
30°-40°	150.3	23.4
40°-50°	90.7	14.2
50°-60°	31.0	4.8
60°-70°	18.6	2.9
70°-80°	10.5	1.6
80°-90°	3.0	0.5
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°	336.9	52.6
0°-40°	487.2	76.0
0°-60°	608.9	95.0
0°-90°	641.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	641.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	520	
5°	511	48
15°	452	126
25°	355	162
35°	242	150
45°	117	91
55°	30	31
65°	19	19
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	520.2
2.5°	517.8
5°	511.2
7.5°	501.5
10°	488.4
12.5°	472.2
15°	451.8
17.5°	429.8
20°	405.4
22.5°	380.2
25°	354.9
27.5°	328.1
30°	300.4
32.5°	272.7
35°	241.8
37.5°	211.7
40°	179.9
42.5°	148.2
45°	117.2
47.5°	88.7
50°	61.9
52.5°	39.1
55°	30.1
57.5°	26.9
60°	24.4
62.5°	21.2
65°	18.7
67.5°	16.3
70°	13.8
72.5°	12.2
75°	9.8
77.5°	8.1
80°	5.7
82.5°	4.1
85°	2.4
87.5°	1.6
90°	0.0

(END OF REPORT)