

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: P1262745

Luminaire Tested: P3A13R409727DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262745
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R409727DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

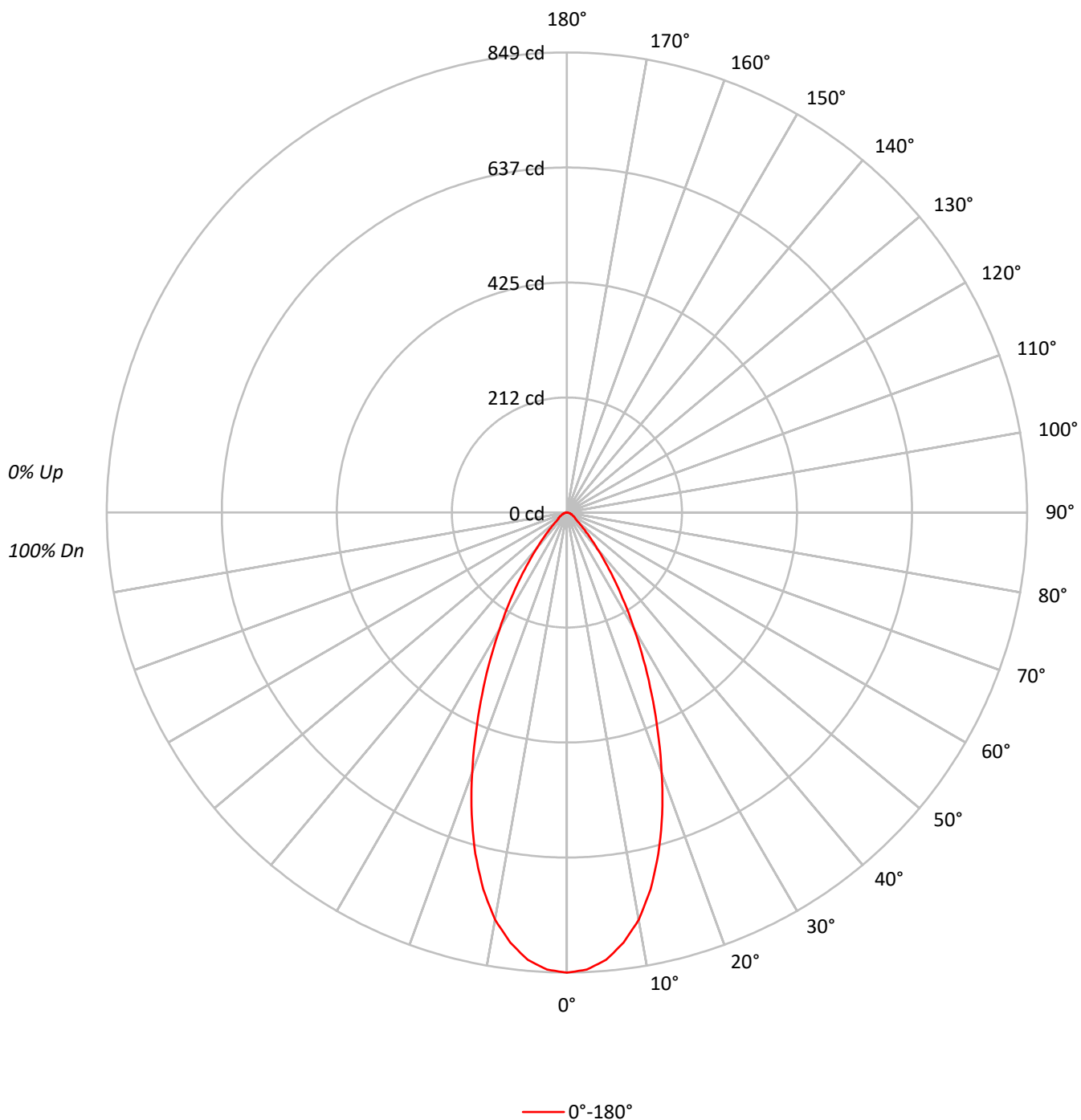
Lumens per Lamp: N/A
Luminaire Lumens: 598.0 lumens
Efficiency: N/A
Efficacy: 41.0 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1262745

CATALOG NUMBER: P3A13R409727DE010 E3DL1WH

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		
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93		
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	86		
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	80		
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74		
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69		
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65		
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	62	61		
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58		
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54		
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	186213
5°	182434
10°	169870
15°	148037
20°	119314
25°	89425
30°	62870
35°	41198
40°	24932
45°	14885
50°	8904
55°	7149
60°	6447
65°	5500
70°	5193
75°	4151
80°	4167
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14885 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.0	12.9
10°-20°	179.6	30.0
20°-30°	169.3	28.3
30°-40°	97.9	16.4
40°-50°	39.0	6.5
50°-60°	17.3	2.9
60°-70°	10.7	1.8
70°-80°	5.6	0.9
80°-90°	1.8	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°	425.8	71.2
0°-40°	523.7	87.6
0°-60°	580.0	97.0
0°-90°	598.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	598.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	849	
5°	829	77
15°	652	180
25°	370	169
35°	154	98
45°	48	39
55°	19	17
65°	11	11
75°	5	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	849.2
2.5°	844.3
5°	828.8
7.5°	800.3
10°	762.9
12.5°	712.4
15°	652.1
17.5°	584.6
20°	511.3
22.5°	438.0
25°	369.6
27.5°	306.1
30°	248.3
32.5°	197.8
35°	153.9
37.5°	116.4
40°	87.1
42.5°	65.1
45°	48.0
47.5°	35.0
50°	26.1
52.5°	21.2
55°	18.7
57.5°	17.1
60°	14.7
62.5°	12.2
65°	10.6
67.5°	9.0
70°	8.1
72.5°	6.5
75°	4.9
77.5°	4.1
80°	3.3
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)