

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: P1265124

Luminaire Tested: P3A13R409730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265124
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: P3A13R409730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

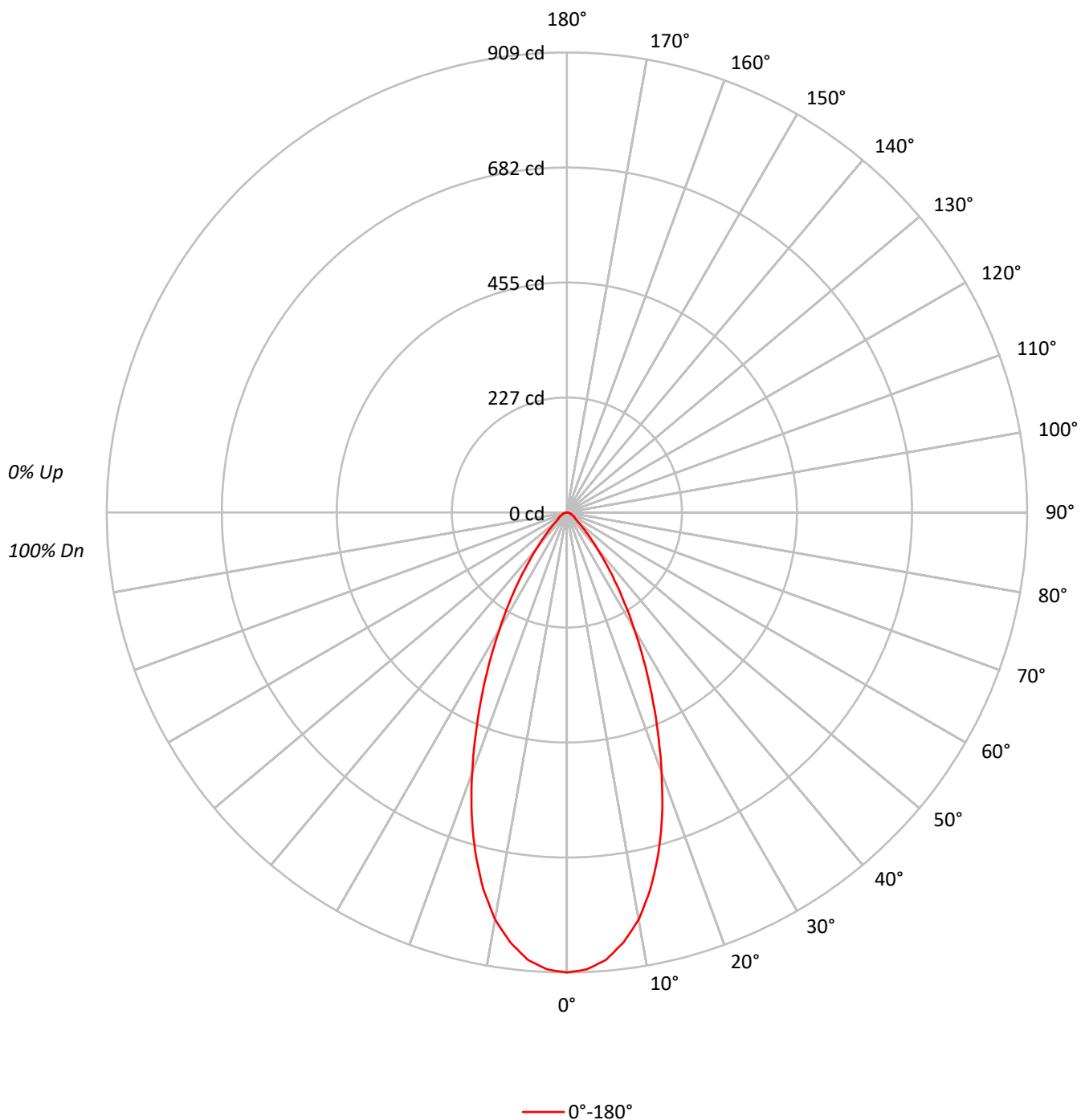
Lumens per Lamp: N/A
Luminaire Lumens: 640.0 lumens
Efficiency: N/A
Efficacy: 43.8 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	199282
5°	195245
10°	181782
15°	158435
20°	127691
25°	95715
30°	67301
35°	44089
40°	26679
45°	15940
50°	9518
55°	7646
60°	6885
65°	5863
70°	5578
75°	4406
80°	4420
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15940 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.4	12.9
10°-20°	192.2	30.0
20°-30°	181.2	28.3
30°-40°	104.7	16.4
40°-50°	41.7	6.5
50°-60°	18.5	2.9
60°-70°	11.4	1.8
70°-80°	6.0	0.9
80°-90°	1.9	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°	455.8	71.2
0°-40°	560.5	87.6
0°-60°	620.7	97.0
0°-90°	640.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	640.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	909	
5°	887	82
15°	698	192
25°	396	181
35°	165	105
45°	51	42
55°	20	18
65°	11	11
75°	5	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	908.8
2.5°	903.6
5°	887.0
7.5°	856.5
10°	816.4
12.5°	762.4
15°	697.9
17.5°	625.6
20°	547.2
22.5°	468.8
25°	395.6
27.5°	327.6
30°	265.8
32.5°	211.7
35°	164.7
37.5°	124.6
40°	93.2
42.5°	69.7
45°	51.4
47.5°	37.5
50°	27.9
52.5°	22.7
55°	20.0
57.5°	18.3
60°	15.7
62.5°	13.1
65°	11.3
67.5°	9.6
70°	8.7
72.5°	7.0
75°	5.2
77.5°	4.4
80°	3.5
82.5°	2.6
85°	1.7
87.5°	0.9
90°	0.0

(END OF REPORT)