

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: P1265265

Luminaire Tested: P3A13R659730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265265
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

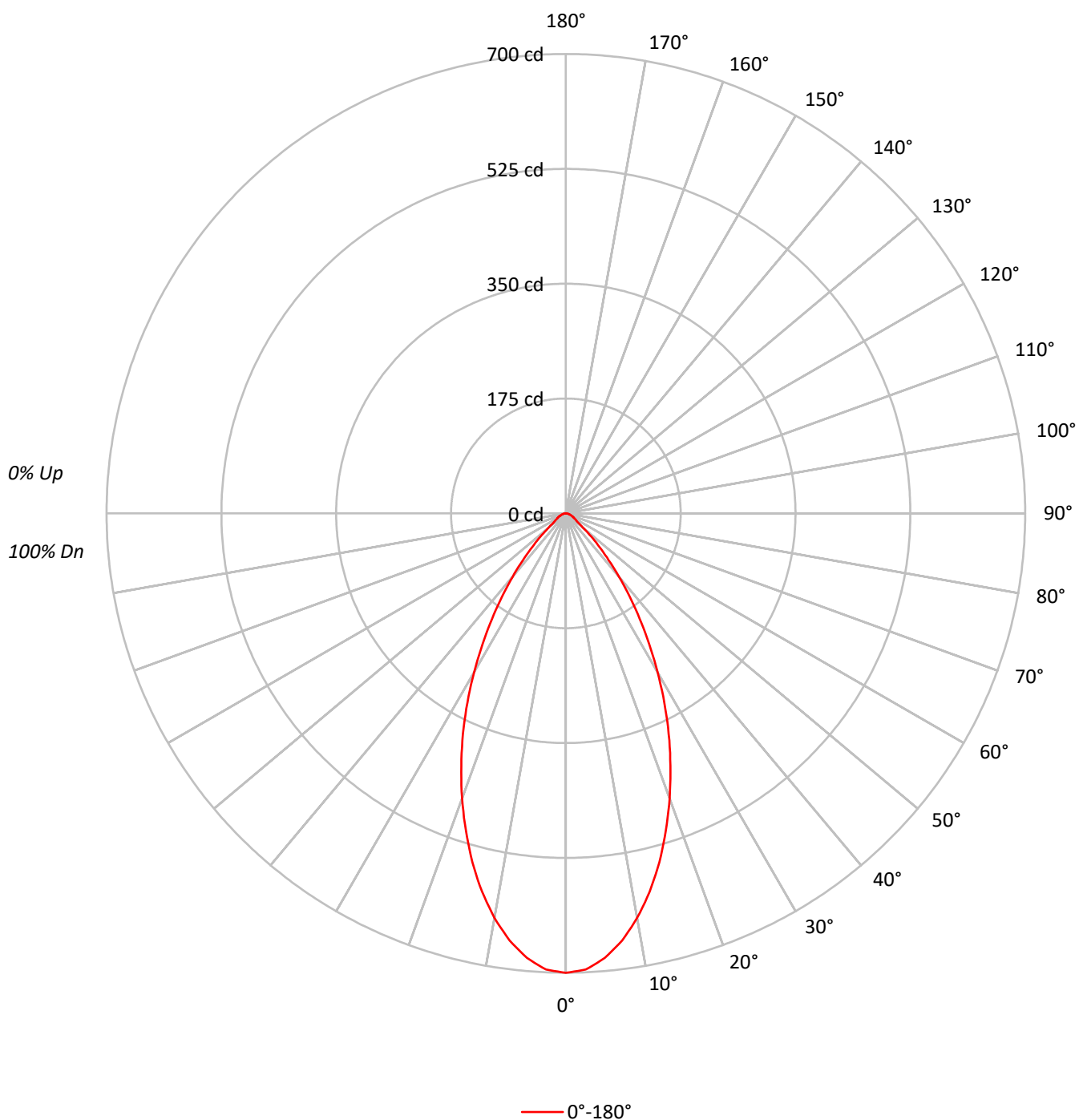
Lumens per Lamp: N/A
Luminaire Lumens: 604.0 lumens
Efficiency: N/A
Efficacy: 41.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	153518
5°	149702
10°	139410
15°	124950
20°	107903
25°	89763
30°	70770
35°	52441
40°	36153
45°	22421
50°	12179
55°	7646
60°	6491
65°	5863
70°	5001
75°	4406
80°	4420
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22421 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.2	10.5
10°-20°	152.9	25.3
20°-30°	169.1	28.0
30°-40°	122.9	20.3
40°-50°	57.6	9.5
50°-60°	19.4	3.2
60°-70°	11.2	1.9
70°-80°	5.9	1.0
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°	385.3	63.8
0°-40°	508.1	84.1
0°-60°	585.1	96.9
0°-90°	604.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	604.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	700	
5°	680	63
15°	550	153
25°	371	169
35°	196	123
45°	72	58
55°	20	19
65°	11	11
75°	5	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	700.1
2.5°	695.8
5°	680.1
7.5°	656.6
10°	626.1
12.5°	590.4
15°	550.4
17.5°	506.8
20°	462.4
22.5°	416.3
25°	371.0
27.5°	324.8
30°	279.5
32.5°	236.0
35°	195.9
37.5°	159.4
40°	126.3
42.5°	96.7
45°	72.3
47.5°	52.2
50°	35.7
52.5°	24.4
55°	20.0
57.5°	17.4
60°	14.8
62.5°	13.1
65°	11.3
67.5°	9.6
70°	7.8
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)