

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: P1264854

Luminaire Tested: P3A09R659730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264854
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: P3A09R659730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

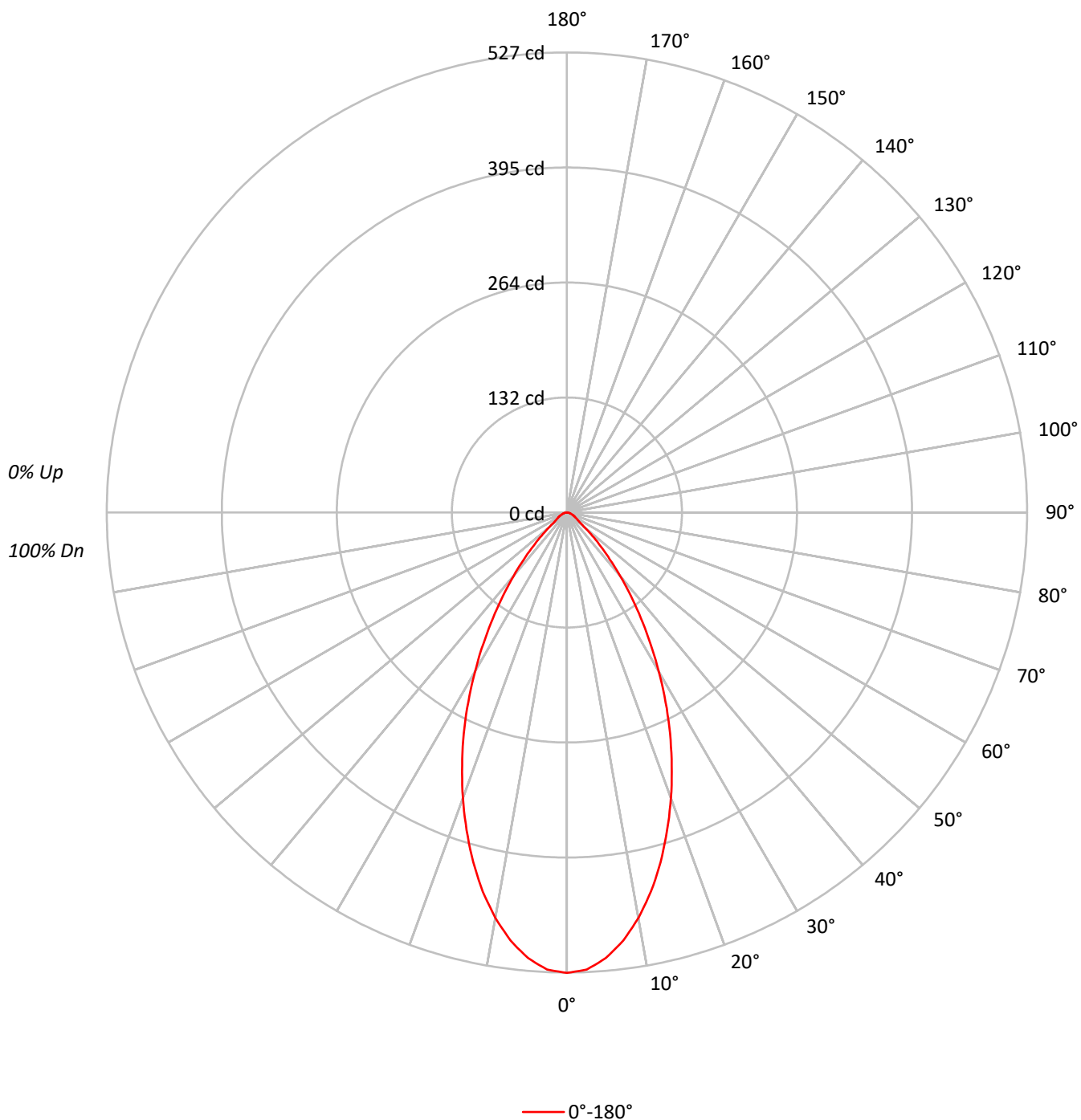
Lumens per Lamp: N/A
Luminaire Lumens: 455.0 lumens
Efficiency: N/A
Efficacy: 41.0 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1264854

CATALOG NUMBER: P3A09R659730DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1264854

CATALOG NUMBER: P3A09R659730DE010 E3DL1WH

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°	115649
5°	112767
10°	105030
15°	94121
20°	81277
25°	67625
30°	53325
35°	39511
40°	27222
45°	16870
50°	9177
55°	5773
60°	4912
65°	4410
70°	3783
75°	3304
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16870 cd/sqm

TEST NUMBER: P1264854

CATALOG NUMBER: P3A09R659730DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.6	10.5
10°-20°	115.2	25.3
20°-30°	127.4	28.0
30°-40°	92.5	20.3
40°-50°	43.4	9.5
50°-60°	14.6	3.2
60°-70°	8.4	1.8
70°-80°	4.4	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°	290.2	63.8
0°-40°	382.8	84.1
0°-60°	440.7	96.9
0°-90°	455.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	455.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	527	
5°	512	48
15°	415	115
25°	280	127
35°	148	93
45°	54	43
55°	15	15
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1264854

CATALOG NUMBER: P3A09R659730DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	527.4
2.5°	524.1
5°	512.3
7.5°	494.6
10°	471.7
12.5°	444.8
15°	414.6
17.5°	381.8
20°	348.3
22.5°	313.6
25°	279.5
27.5°	244.7
30°	210.6
32.5°	177.8
35°	147.6
37.5°	120.0
40°	95.1
42.5°	72.8
45°	54.4
47.5°	39.4
50°	26.9
52.5°	18.4
55°	15.1
57.5°	13.1
60°	11.2
62.5°	9.8
65°	8.5
67.5°	7.2
70°	5.9
72.5°	5.2
75°	3.9
77.5°	3.3
80°	2.6
82.5°	2.0
85°	1.3
87.5°	0.7
90°	0.0

(END OF REPORT)