

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: P1273737

Luminaire Tested: P3A09R409830DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273737
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: P3A09R409830DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

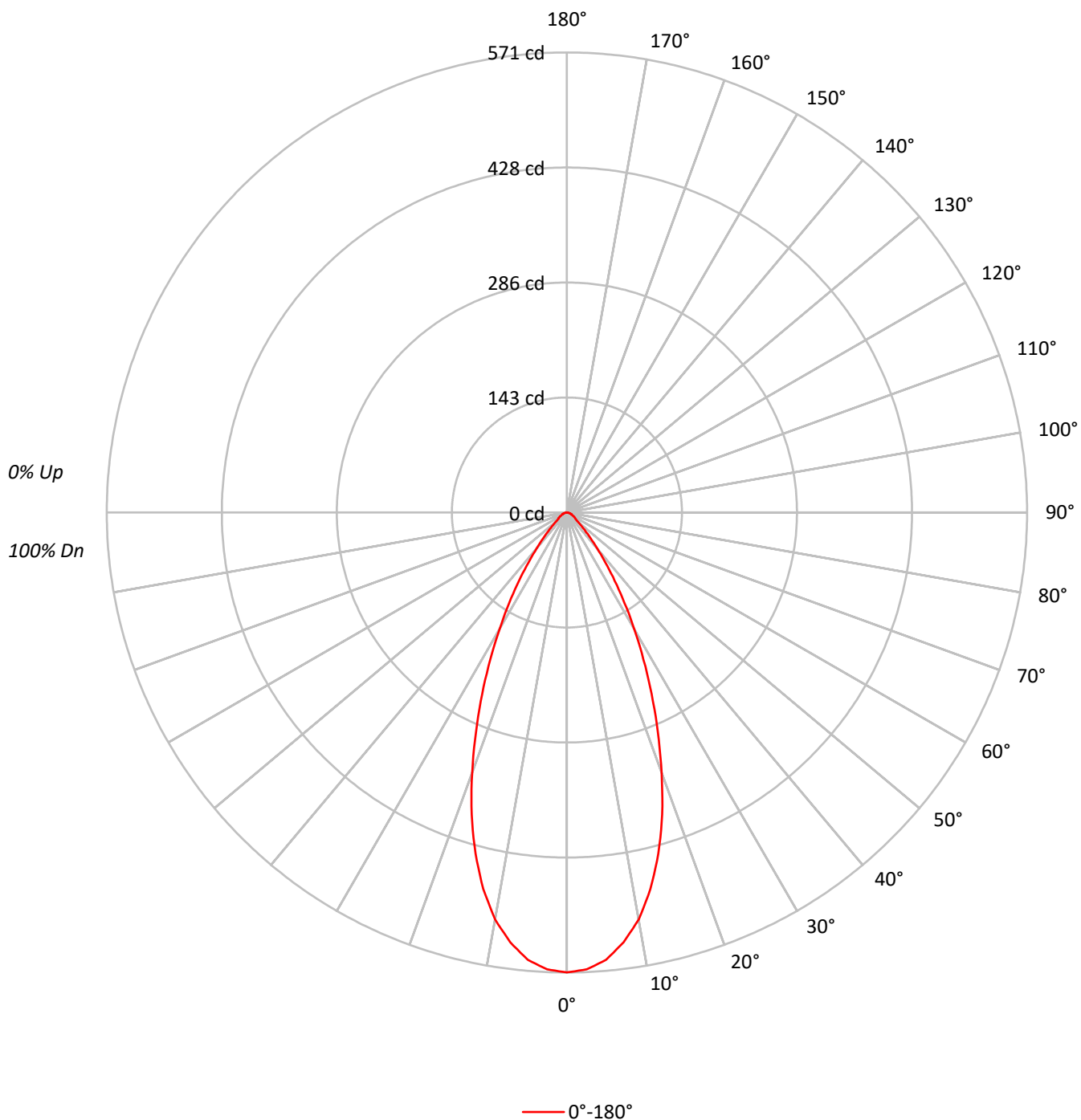
Lumens per Lamp: N/A
Luminaire Lumens: 402.0 lumens
Efficiency: N/A
Efficacy: 36.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1273737

CATALOG NUMBER: P3A09R409830DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1273737

CATALOG NUMBER: P3A09R409830DE010 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	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	64	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°	125165
5°	122650
10°	114182
15°	99524
20°	80204
25°	60124
30°	42260
35°	27679
40°	16774
45°	10017
50°	5970
55°	4817
60°	4342
65°	3684
70°	3526
75°	2796
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10017 cd/sqm

TEST NUMBER: P1273737

CATALOG NUMBER: P3A09R409830DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.7	12.9
10°-20°	120.7	30.0
20°-30°	113.8	28.3
30°-40°	65.8	16.4
40°-50°	26.2	6.5
50°-60°	11.6	2.9
60°-70°	7.2	1.8
70°-80°	3.8	0.9
80°-90°	1.2	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°	286.3	71.2
0°-40°	352.1	87.6
0°-60°	389.9	97.0
0°-90°	402.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	402.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	571	
5°	557	52
15°	438	121
25°	248	114
35°	103	66
45°	32	26
55°	13	12
65°	7	7
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1273737

CATALOG NUMBER: P3A09R409830DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	570.8
2.5°	567.6
5°	557.2
7.5°	538.0
10°	512.8
12.5°	478.9
15°	438.4
17.5°	393.0
20°	343.7
22.5°	294.4
25°	248.5
27.5°	205.8
30°	166.9
32.5°	133.0
35°	103.4
37.5°	78.3
40°	58.6
42.5°	43.8
45°	32.3
47.5°	23.5
50°	17.5
52.5°	14.2
55°	12.6
57.5°	11.5
60°	9.9
62.5°	8.2
65°	7.1
67.5°	6.0
70°	5.5
72.5°	4.4
75°	3.3
77.5°	2.7
80°	2.2
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)