

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: P1273841

Luminaire Tested: P3A09R609830DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273841
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R609830DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

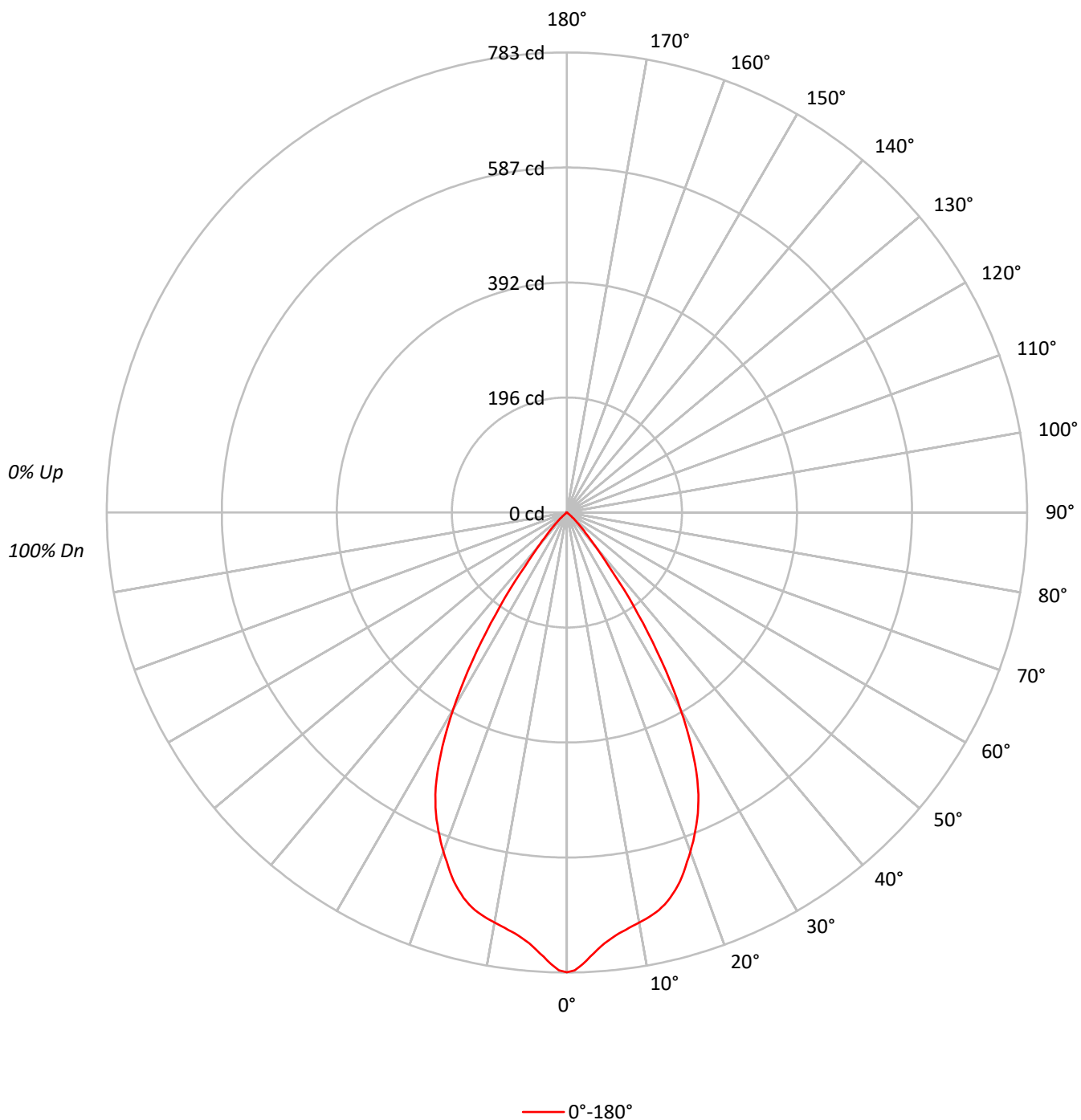
Lumens per Lamp: N/A
Luminaire Lumens: 655.0 lumens
Efficiency: N/A
Efficacy: 59.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1273841

CATALOG NUMBER: P3A09R609830DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1273841

CATALOG NUMBER: P3A09R609830DE010 E3D1LI

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	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	171609
5°	162007
10°	157802
15°	154189
20°	143372
25°	128161
30°	97888
35°	56510
40°	21927
45°	9148
50°	2013
55°	306
60°	219
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9148 cd/sqm

TEST NUMBER: P1273841

CATALOG NUMBER: P3A09R609830DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.5	10.6
10°-20°	189.2	28.9
20°-30°	237.0	36.2
30°-40°	132.5	20.2
40°-50°	25.2	3.8
50°-60°	1.3	0.2
60°-70°	0.3	0.0
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	495.7	75.7
0°-40°	628.1	95.9
0°-60°	654.5	99.9
0°-90°	655.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	655.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	783	
5°	736	69
15°	679	189
25°	530	237
35°	211	132
45°	30	25
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1273841

CATALOG NUMBER: P3A09R609830DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	782.6
1°	779.4
2°	769.2
3°	757.2
4°	745.9
5°	736.0
6°	728.5
7°	722.1
8°	717.3
9°	712.7
10°	708.7
11°	704.7
12°	700.1
13°	694.5
14°	687.8
15°	679.2
16°	668.8
17°	657.0
18°	643.6
19°	628.3
20°	614.4
21°	599.4
22°	583.8
23°	567.5
24°	549.5
25°	529.7
26°	506.4
27°	480.4
28°	451.2
29°	420.1
30°	386.6
31°	352.9
32°	318.0
32.5°	299.0
33°	281.9
34°	246.2
35°	211.1
36°	179.5
37°	146.0
37.5°	130.8
38°	115.7
39°	93.2
40°	76.6
42.5°	46.6
45°	29.5



TEST NUMBER: P1273841

CATALOG NUMBER: P3A09R609830DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	16.3
50°	5.9
52.5°	1.3
55°	0.8
57.5°	0.5
60°	0.5
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)