

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: P1269255

Luminaire Tested: P3A05R709740DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269255
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R709740DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

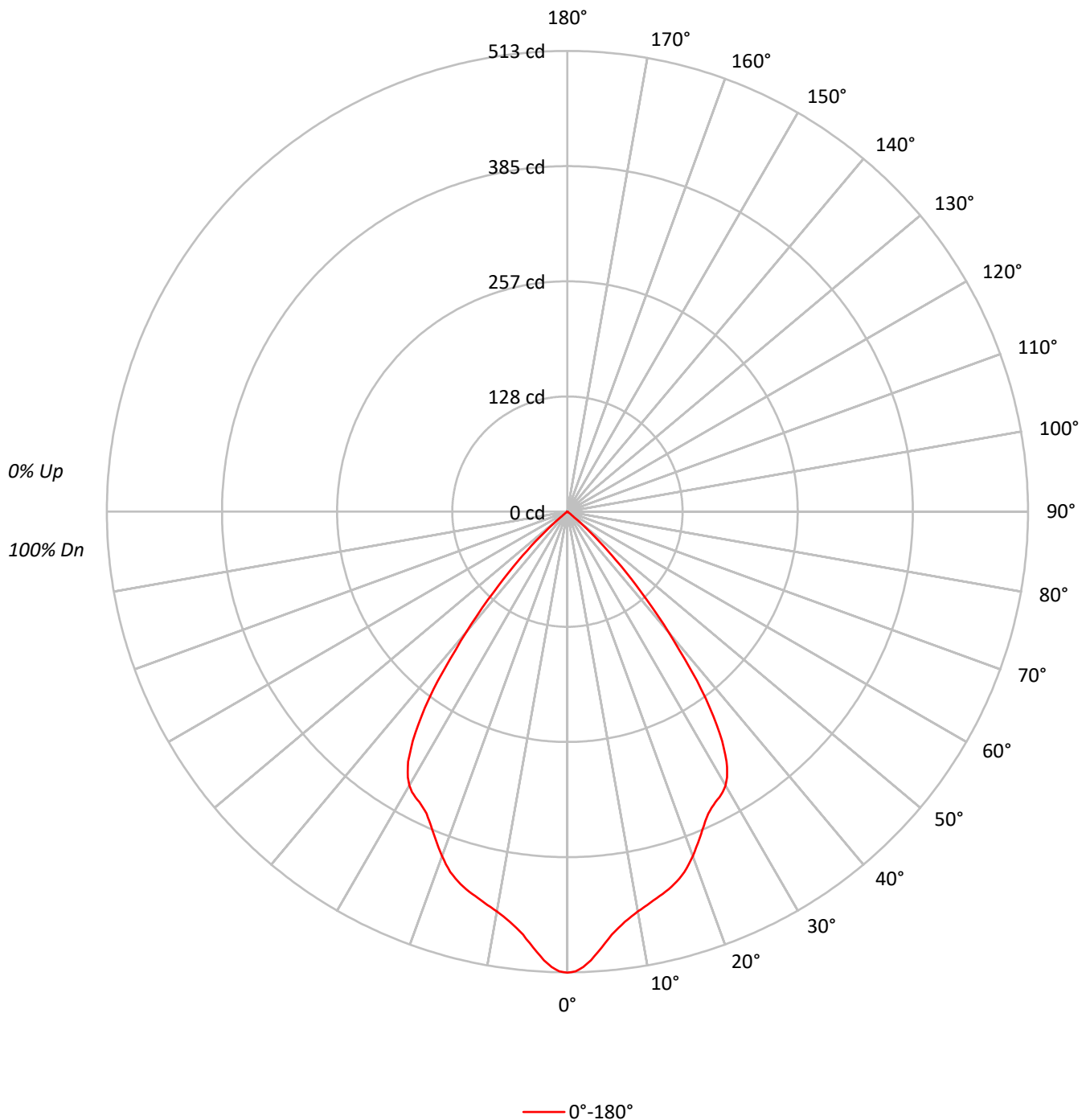
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 578.9 lumens
Efficiency: N/A
Efficacy: 80.4 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1269255
CATALOG NUMBER: P3A05R709740DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1269255

CATALOG NUMBER: P3A05R709740DE010 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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		86
4	95	87	81	77	94	86	81	77	84	79	76		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	63	59	68	63	59		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		55	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112579
5°	106163
10°	100666
15°	98843
20°	95278
25°	89812
30°	89178
35°	77658
40°	50237
45°	23754
50°	3309
55°	268
60°	219
65°	259
70°	128
75°	169
80°	253
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23754 cd/sqm

TEST NUMBER: P1269255

CATALOG NUMBER: P3A05R709740DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.0	7.8
10°-20°	122.3	21.1
20°-30°	173.0	29.9
30°-40°	173.8	30.0
40°-50°	62.5	10.8
50°-60°	1.7	0.3
60°-70°	0.4	0.1
70°-80°	0.2	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°	340.3	58.8
0°-40°	514.1	88.8
0°-60°	578.3	99.9
0°-90°	578.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	578.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	513	
5°	482	45
15°	435	122
25°	371	173
35°	290	174
45°	77	63
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1269255

CATALOG NUMBER: P3A05R709740DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	513.4
1°	512.0
2°	507.5
3°	500.3
4°	491.3
5°	482.3
6°	473.7
7°	467.0
8°	461.1
9°	456.3
10°	452.1
11°	448.5
12°	445.2
13°	441.8
14°	438.7
15°	435.4
16°	431.4
17°	427.1
18°	421.9
19°	415.4
20°	408.3
21°	400.5
22°	392.6
23°	385.0
24°	377.6
25°	371.2
26°	366.7
27°	363.1
28°	360.3
29°	356.9
30°	352.2
31°	345.3
32°	335.5
32.5°	330.1
33°	322.7
34°	308.2
35°	290.1
36°	270.1
37°	247.6
37.5°	237.1
38°	222.8
39°	197.4
40°	175.5
42.5°	121.5
45°	76.6

TEST NUMBER: P1269255

CATALOG NUMBER: P3A05R709740DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	41.1
50°	9.7
52.5°	1.2
55°	0.7
57.5°	0.7
60°	0.5
62.5°	0.5
65°	0.5
67.5°	0.2
70°	0.2
72.5°	0.2
75°	0.2
77.5°	0.2
80°	0.2
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)