

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: P1265257

Luminaire Tested: P3A13R659730DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265257
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659730DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

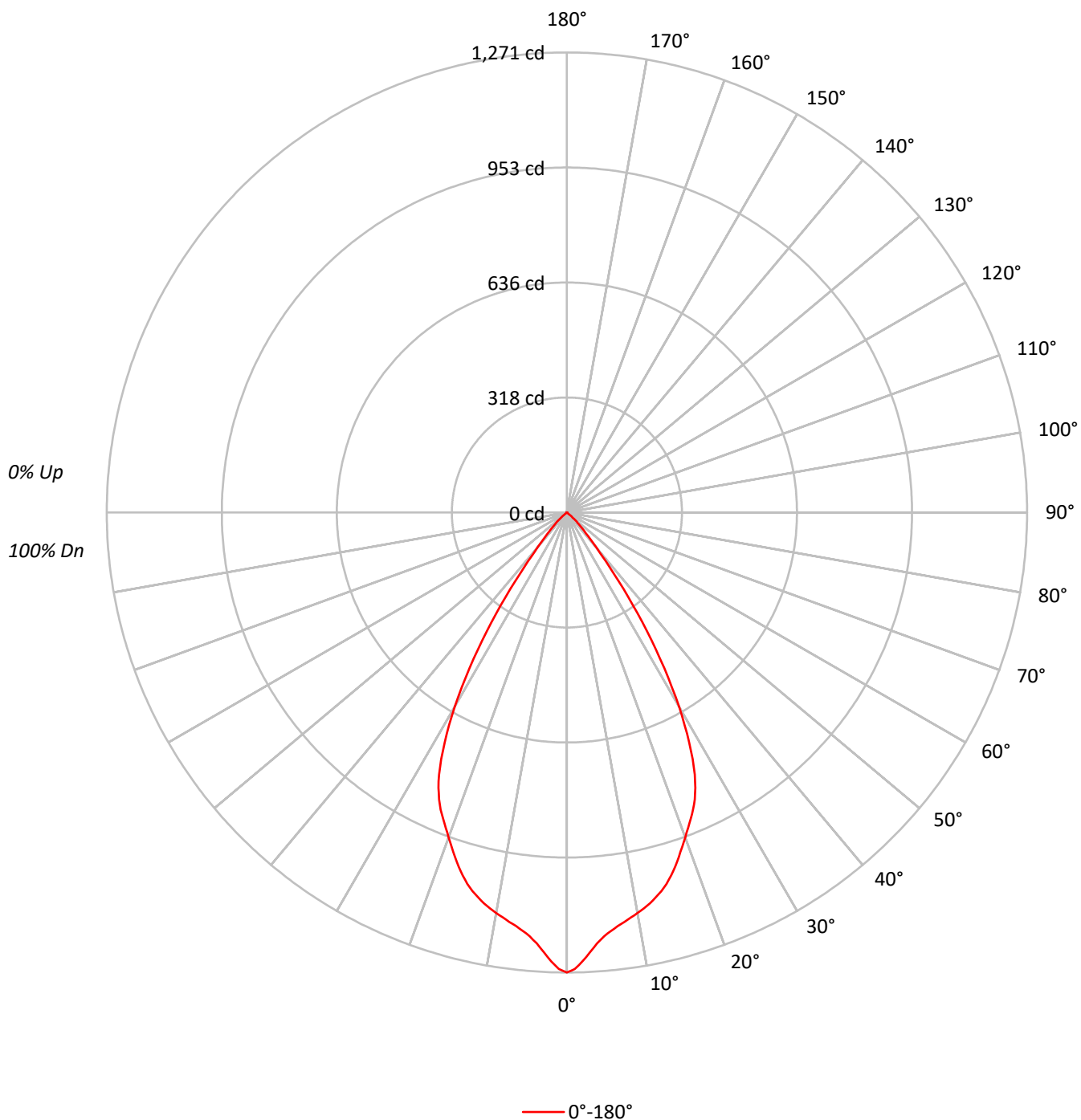
Lumens per Lamp: N/A
Luminaire Lumens: 1040.0 lumens
Efficiency: N/A
Efficacy: 71.2 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1265257

CATALOG NUMBER: P3A13R659730DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1265257

CATALOG NUMBER: P3A13R659730DE010 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	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	278684
5°	258749
10°	250229
15°	241159
20°	222946
25°	203117
30°	156936
35°	90962
40°	36096
45°	15381
50°	3650
55°	497
60°	395
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15381 cd/sqm

TEST NUMBER: P1265257

CATALOG NUMBER: P3A13R659730DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.9	10.7
10°-20°	296.0	28.5
20°-30°	374.6	36.0
30°-40°	213.3	20.5
40°-50°	42.4	4.1
50°-60°	2.2	0.2
60°-70°	0.6	0.1
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°	781.5	75.1
0°-40°	994.8	95.7
0°-60°	1039.4	99.9
0°-90°	1040.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1040.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1271	
5°	1176	111
15°	1062	296
25°	840	375
35°	340	213
45°	50	42
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1265257

CATALOG NUMBER: P3A13R659730DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1270.9
1°	1261.5
2°	1240.9
3°	1217.0
4°	1193.5
5°	1175.5
6°	1162.3
7°	1151.6
8°	1142.2
9°	1132.8
10°	1123.8
11°	1114.0
12°	1103.7
13°	1091.3
14°	1078.1
15°	1062.3
16°	1043.4
17°	1022.9
18°	1000.7
19°	977.2
20°	955.4
21°	933.2
22°	913.1
23°	892.1
24°	867.8
25°	839.5
26°	805.8
27°	765.2
28°	719.4
29°	670.7
30°	619.8
31°	563.8
32°	508.3
32.5°	479.6
33°	451.8
34°	395.4
35°	339.8
36°	288.5
37°	237.7
37.5°	211.6
38°	190.7
39°	154.3
40°	126.1
42.5°	77.8
45°	49.6



TEST NUMBER: P1265257
CATALOG NUMBER: P3A13R659730DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	29.1
50°	10.7
52.5°	2.1
55°	1.3
57.5°	0.9
60°	0.9
62.5°	0.9
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.0
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)