

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: P1270014

Luminaire Tested: P3A13R659740DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270014
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: P3A13R659740DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

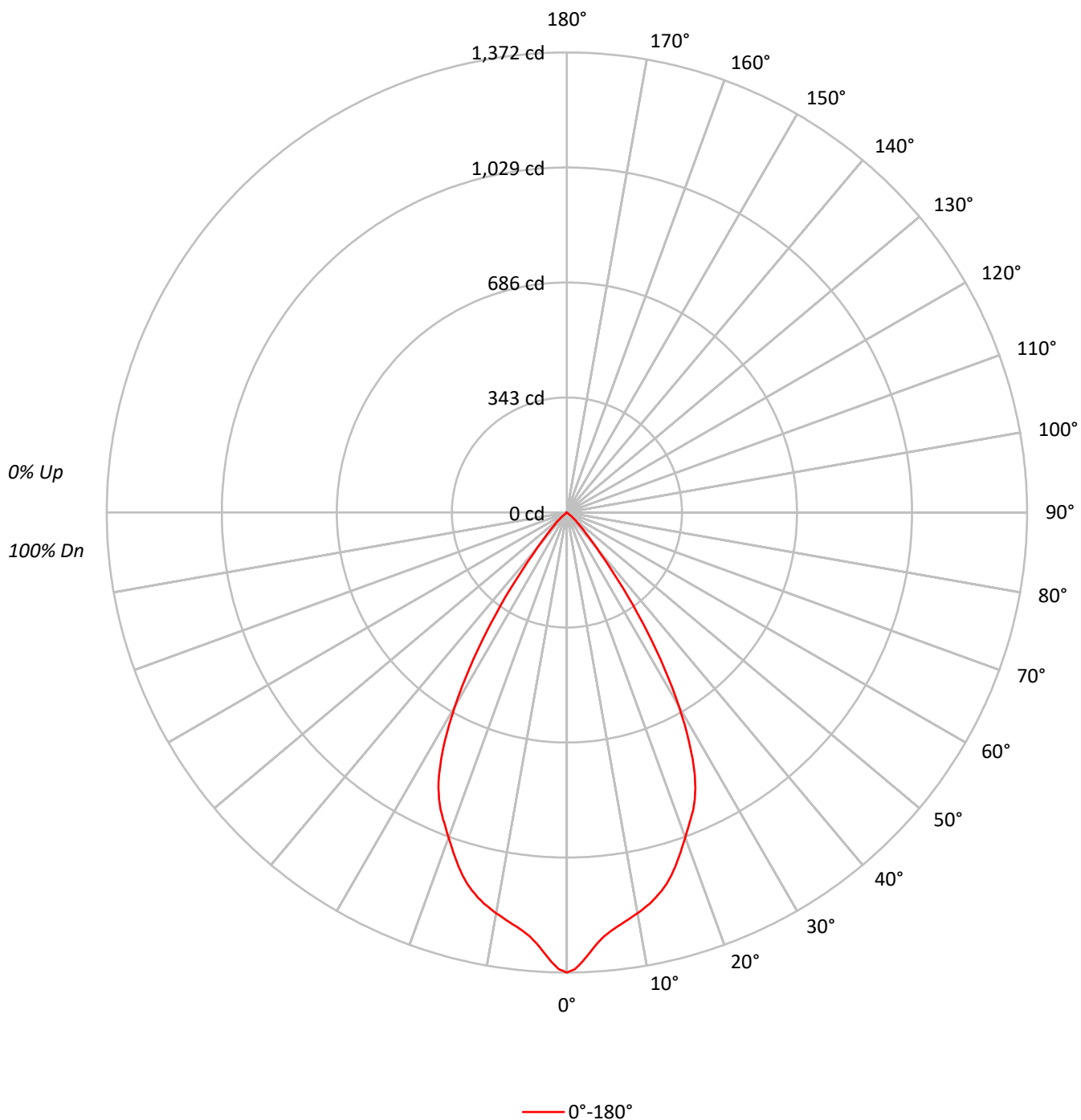
Lumens per Lamp: N/A
Luminaire Lumens: 1123.0 lumens
Efficiency: N/A
Efficacy: 76.9 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270014

CATALOG NUMBER: P3A13R659740DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1270014

CATALOG NUMBER: P3A13R659740DE010 E3D1H

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°	300919
5°	279396
10°	270202
15°	260387
20°	240728
25°	219327
30°	169469
35°	98243
40°	38987
45°	16591
50°	3923
55°	535
60°	395
65°	259
70°	321
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16591 cd/sqm

TEST NUMBER: P1270014

CATALOG NUMBER: P3A13R659740DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.7	10.7
10°-20°	319.6	28.5
20°-30°	404.5	36.0
30°-40°	230.4	20.5
40°-50°	45.8	4.1
50°-60°	2.4	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°	843.8	75.1
0°-40°	1074.2	95.7
0°-60°	1122.3	99.9
0°-90°	1123.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1123.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1372	
5°	1269	120
15°	1147	320
25°	906	404
35°	367	230
45°	54	46
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1270014

CATALOG NUMBER: P3A13R659740DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1372.3
1°	1362.1
2°	1340.0
3°	1314.1
4°	1288.7
5°	1269.3
6°	1255.0
7°	1243.5
8°	1233.3
9°	1223.2
10°	1213.5
11°	1202.9
12°	1191.8
13°	1178.4
14°	1164.1
15°	1147.0
16°	1126.7
17°	1104.6
18°	1080.6
19°	1055.2
20°	1031.6
21°	1007.6
22°	985.9
23°	963.3
24°	937.0
25°	906.5
26°	870.1
27°	826.2
28°	776.8
29°	724.2
30°	669.3
31°	608.8
32°	548.8
32.5°	517.9
33°	487.9
34°	427.0
35°	367.0
36°	311.6
37°	256.6
37.5°	228.5
38°	205.9
39°	166.6
40°	136.2
42.5°	84.0
45°	53.5



TEST NUMBER: P1270014

CATALOG NUMBER: P3A13R659740DE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	31.4
50°	11.5
52.5°	2.3
55°	1.4
57.5°	0.9
60°	0.9
62.5°	0.9
65°	0.5
67.5°	0.5
70°	0.5
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)