

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: P1247463

Luminaire Tested: P3AS17R659024DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247463
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: P3AS17R659024DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

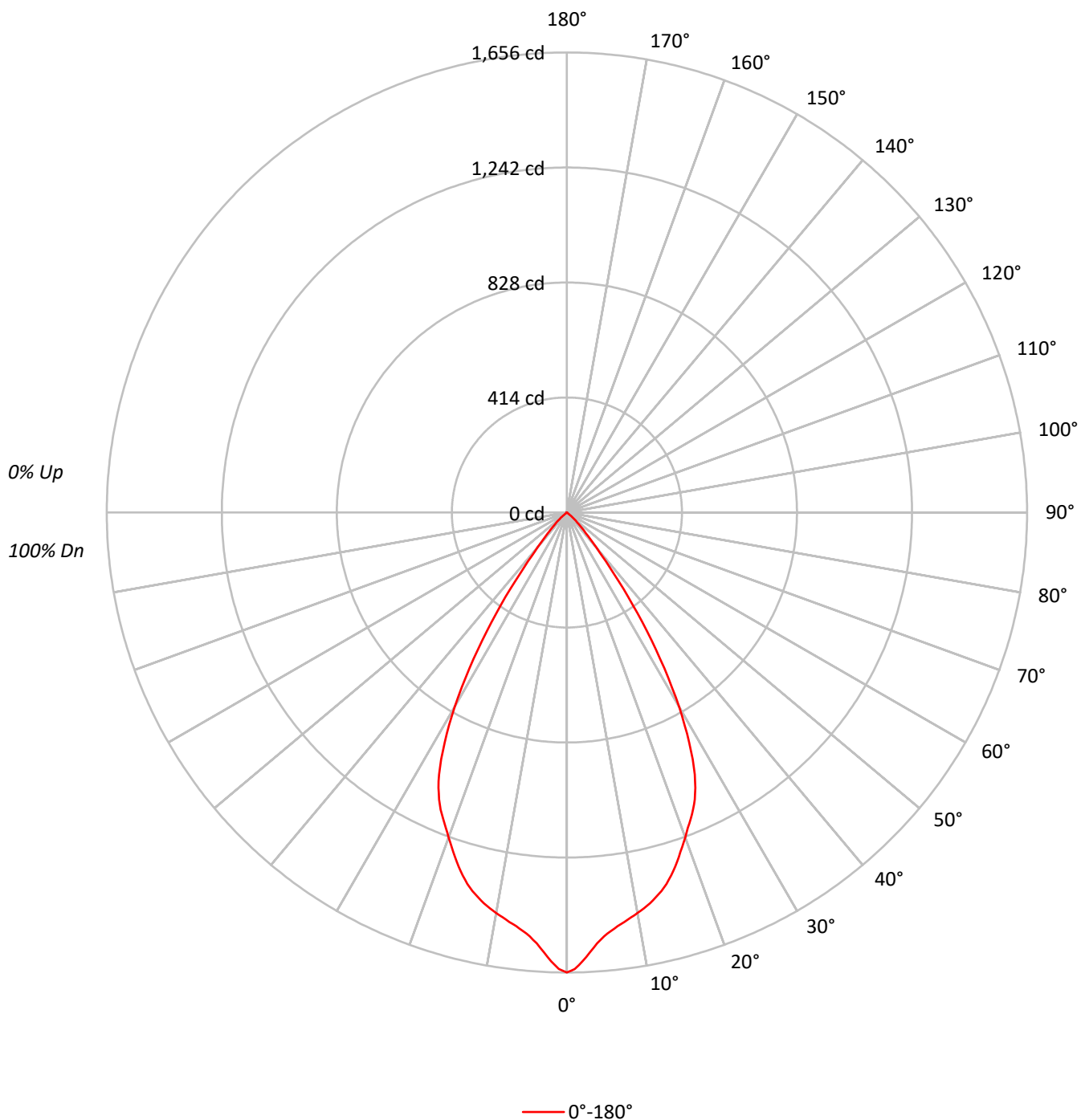
Lumens per Lamp: N/A
Luminaire Lumens: 1355.0 lumens
Efficiency: N/A
Efficacy: 63.9 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1247463

CATALOG NUMBER: P3AS17R659024DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1247463

CATALOG NUMBER: P3AS17R659024DE010 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°	363085
5°	337133
10°	326024
15°	314190
20°	290479
25°	264644
30°	204487
35°	118534
40°	47031
45°	20033
50°	4742
55°	650
60°	482
65°	311
70°	385
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20033 cd/sqm

TEST NUMBER: P1247463

CATALOG NUMBER: P3AS17R659024DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.4	10.7
10°-20°	385.6	28.5
20°-30°	488.1	36.0
30°-40°	277.9	20.5
40°-50°	55.2	4.1
50°-60°	2.9	0.2
60°-70°	0.8	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°	1018.2	75.1
0°-40°	1296.1	95.6
0°-60°	1354.2	99.9
0°-90°	1355.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1355.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1656	
5°	1532	144
15°	1384	386
25°	1094	488
35°	443	278
45°	65	55
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1247463

CATALOG NUMBER: P3AS17R659024DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1655.8
1°	1643.5
2°	1616.8
3°	1585.6
4°	1555.0
5°	1531.6
6°	1514.3
7°	1500.4
8°	1488.1
9°	1475.9
10°	1464.2
11°	1451.4
12°	1438.0
13°	1421.9
14°	1404.6
15°	1384.0
16°	1359.5
17°	1332.8
18°	1303.8
19°	1273.2
20°	1244.8
21°	1215.8
22°	1189.6
23°	1162.3
24°	1130.6
25°	1093.8
26°	1049.8
27°	996.9
28°	937.3
29°	873.8
30°	807.6
31°	734.6
32°	662.2
32.5°	624.9
33°	588.7
34°	515.2
35°	442.8
36°	375.9
37°	309.7
37.5°	275.7
38°	248.4
39°	201.1
40°	164.3
42.5°	101.4
45°	64.6



TEST NUMBER: P1247463

CATALOG NUMBER: P3AS17R659024DE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	37.9
50°	13.9
52.5°	2.8
55°	1.7
57.5°	1.1
60°	1.1
62.5°	1.1
65°	0.6
67.5°	0.6
70°	0.6
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)