

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: P1252533

Luminaire Tested: P3AS17R659030DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252533
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: P3AS17R659030DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

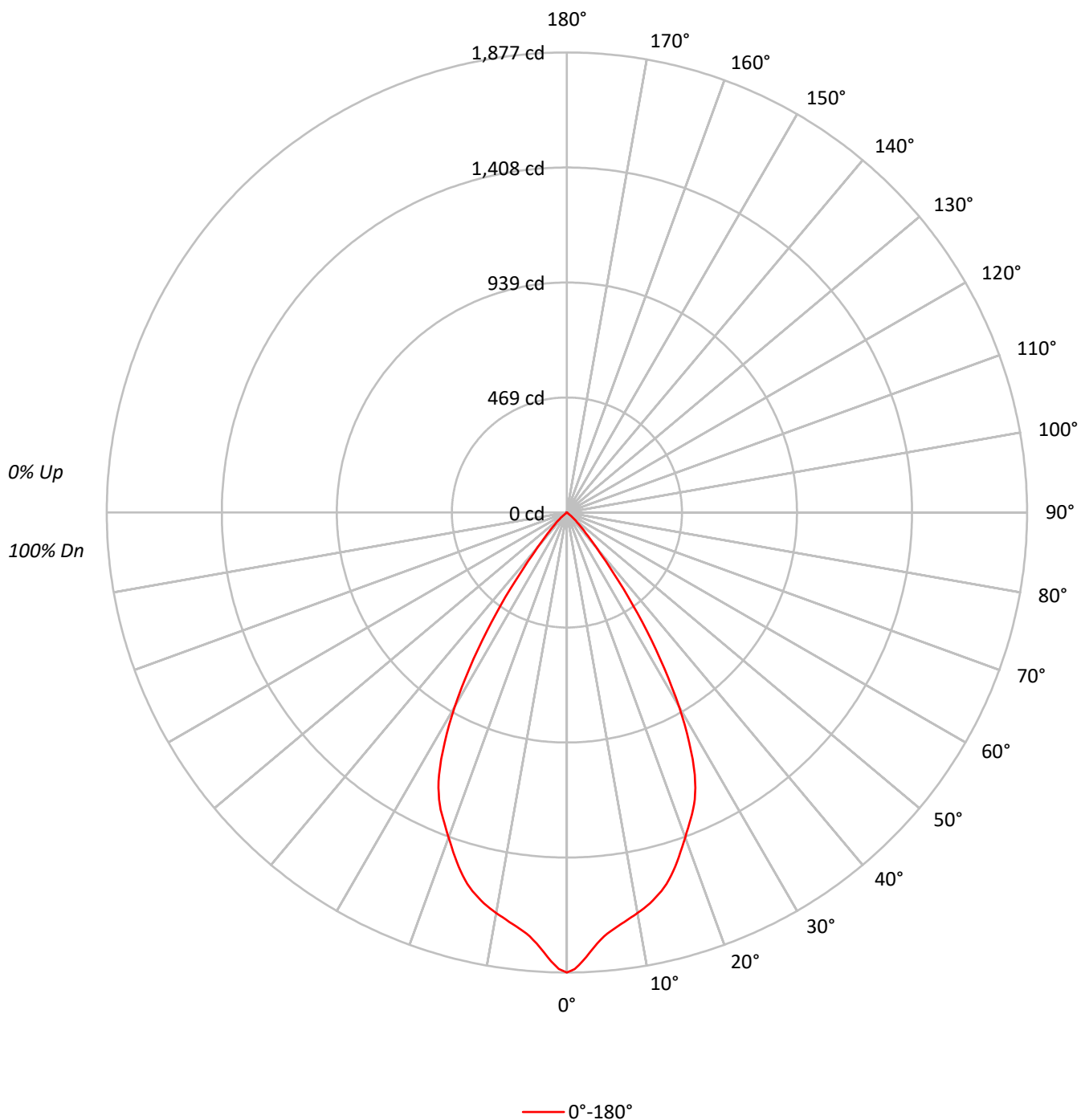
Lumens per Lamp: N/A
Luminaire Lumens: 1536.0 lumens
Efficiency: N/A
Efficacy: 72.5 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1252533

CATALOG NUMBER: P3AS17R659030DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1252533

CATALOG NUMBER: P3AS17R659030DE010 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°	411590
5°	382169
10°	369577
15°	356165
20°	329262
25°	299993
30°	231782
35°	134355
40°	53300
45°	22700
50°	5390
55°	726
60°	570
65°	311
70°	385
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22700 cd/sqm

TEST NUMBER: P1252533

CATALOG NUMBER: P3AS17R659030DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.7	10.7
10°-20°	437.1	28.5
20°-30°	553.3	36.0
30°-40°	315.1	20.5
40°-50°	62.6	4.1
50°-60°	3.3	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°	1154.2	75.1
0°-40°	1469.2	95.7
0°-60°	1535.1	99.9
0°-90°	1536.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1536.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1877	
5°	1736	164
15°	1569	437
25°	1240	553
35°	502	315
45°	73	63
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1252533

CATALOG NUMBER: P3AS17R659030DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1877.0
1°	1863.1
2°	1832.8
3°	1797.4
4°	1762.7
5°	1736.2
6°	1716.6
7°	1700.8
8°	1686.9
9°	1673.0
10°	1659.8
11°	1645.3
12°	1630.1
13°	1611.8
14°	1592.2
15°	1568.9
16°	1541.1
17°	1510.8
18°	1478.0
19°	1443.2
20°	1411.0
21°	1378.2
22°	1348.5
23°	1317.6
24°	1281.6
25°	1239.9
26°	1190.1
27°	1130.1
28°	1062.5
29°	990.6
30°	915.4
31°	832.7
32°	750.7
32.5°	708.4
33°	667.3
34°	584.0
35°	501.9
36°	426.2
37°	351.0
37.5°	312.5
38°	281.6
39°	227.9
40°	186.2
42.5°	114.9
45°	73.2



TEST NUMBER: P1252533

CATALOG NUMBER: P3AS17R659030DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	42.9
50°	15.8
52.5°	3.2
55°	1.9
57.5°	1.3
60°	1.3
62.5°	1.3
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)