

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: P1274508

Luminaire Tested: P3AS17R559830DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274508
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559830DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

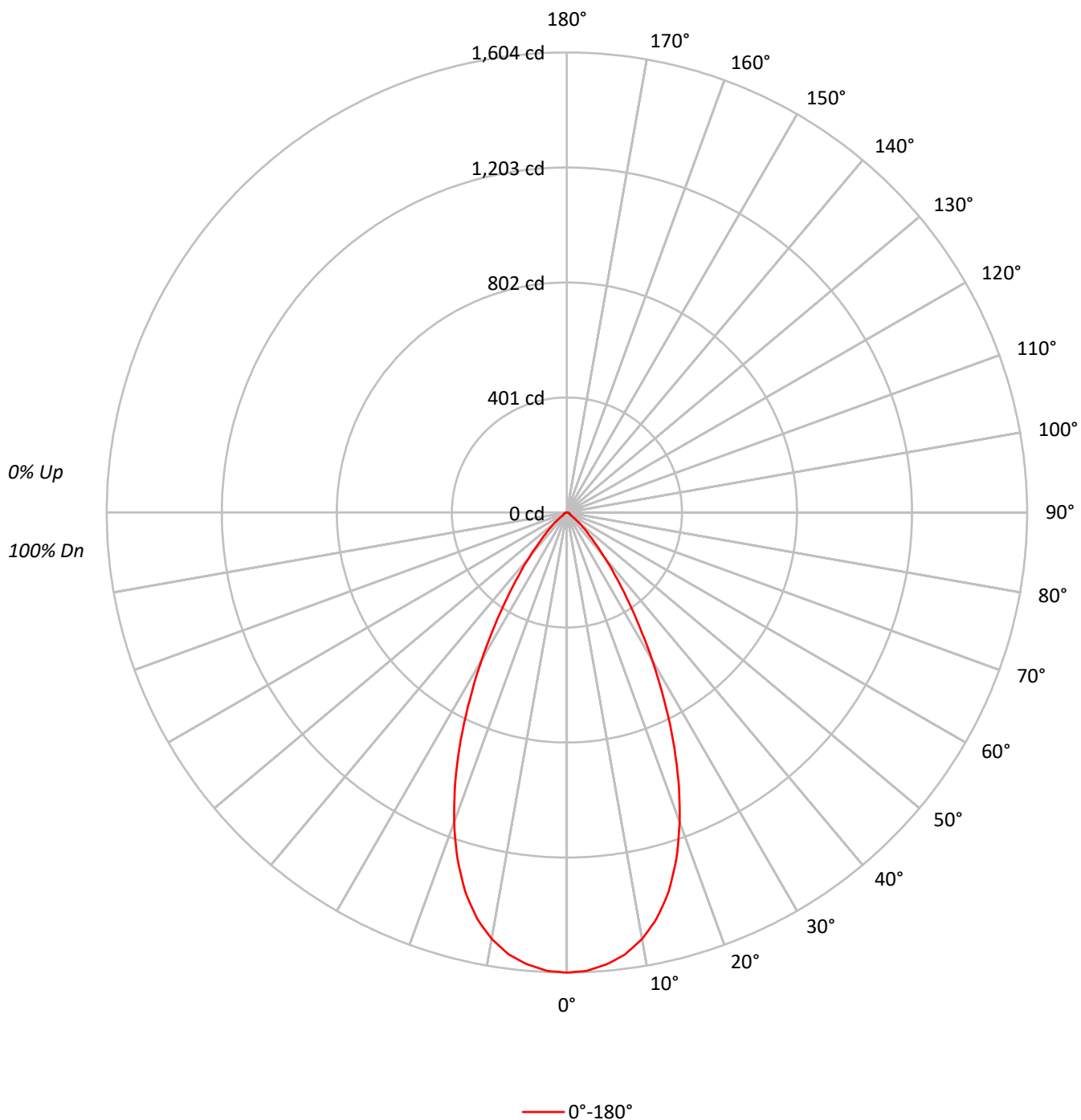
Lumens per Lamp: N/A
Luminaire Lumens: 1281.1 lumens
Efficiency: N/A
Efficacy: 62.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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: P1274508

CATALOG NUMBER: P3AS17R559830DE010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1274508

CATALOG NUMBER: P3AS17R559830DE010 E3DL1LI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	111	108	106		111	108	106	104		104	103	101		101	99	98		97	96	95
2	108	103	99	95		106	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	94	90	86		92	88	85		89	86	83		87	85	82
4	97	90	84	80		95	89	83	79		86	82	78		84	81	78		82	79	77
5	92	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		86	78	73	68		77	72	68		75	71	68		74	70	67
7	84	74	68	64		82	74	68	64		72	67	64		71	67	63		70	66	63
8	80	70	64	60		78	70	64	60		69	63	60		67	63	60		67	62	59
9	76	66	61	57		75	66	60	56		65	60	56		64	59	56		63	59	56
10	73	63	57	53		72	62	57	53		62	57	53		61	56	53		60	56	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	351748
5°	348183
10°	336244
15°	310808
20°	268193
25°	211827
30°	150276
35°	96905
40°	58195
45°	32810
50°	17637
55°	6308
60°	5657
65°	5500
70°	5257
75°	4999
80°	4420
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32810 cd/sqm

TEST NUMBER: P1274508

CATALOG NUMBER: P3AS17R559830DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.8	11.6
10°-20°	378.6	29.6
20°-30°	396.8	31.0
30°-40°	231.5	18.1
40°-50°	86.6	6.8
50°-60°	20.4	1.6
60°-70°	10.5	0.8
70°-80°	6.2	0.5
80°-90°	1.8	0.1
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°	924.1	72.1
0°-40°	1155.6	90.2
0°-60°	1262.6	98.6
0°-90°	1281.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1281.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1604	
5°	1582	149
15°	1369	379
25°	876	397
35°	362	231
45°	106	87
55°	16	20
65°	11	10
75°	6	6
85°	1	2
90°	0	

TEST NUMBER: P1274508

CATALOG NUMBER: P3AS17R559830DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1604.1
2.5°	1599.4
5°	1581.8
7.5°	1553.6
10°	1510.1
12.5°	1449.0
15°	1369.1
17.5°	1268.0
20°	1149.3
22.5°	1016.5
25°	875.5
27.5°	731.0
30°	593.5
32.5°	468.9
35°	362.0
37.5°	275.0
40°	203.3
42.5°	145.7
45°	105.8
47.5°	76.4
50°	51.7
52.5°	29.4
55°	16.5
57.5°	14.1
60°	12.9
62.5°	11.8
65°	10.6
67.5°	9.4
70°	8.2
72.5°	7.1
75°	5.9
77.5°	4.7
80°	3.5
82.5°	2.4
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)