

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: P1274518

Luminaire Tested: P3AS17R559830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274518
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

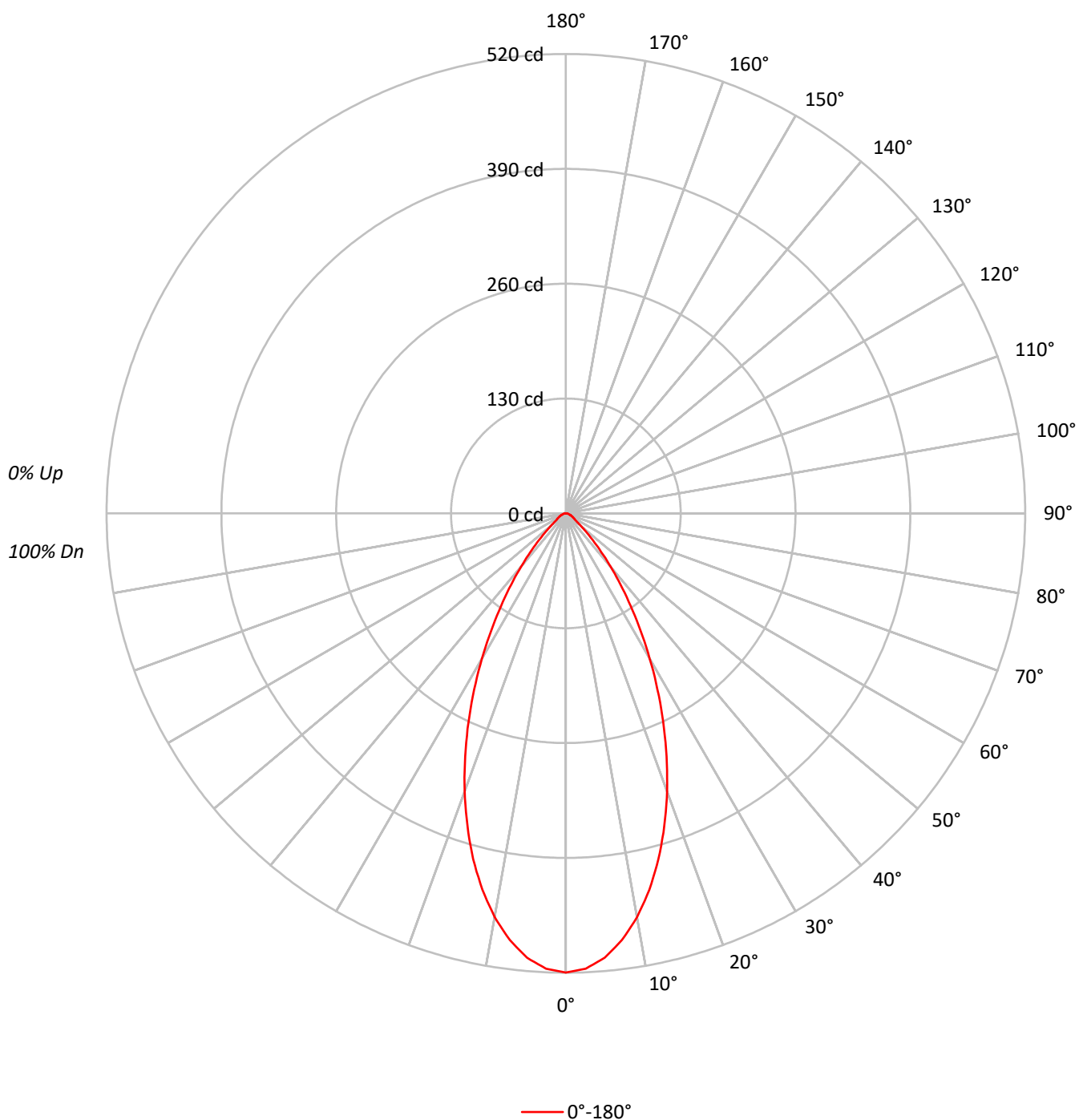
Lumens per Lamp: N/A
Luminaire Lumens: 419.0 lumens
Efficiency: N/A
Efficacy: 20.5 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1274518

CATALOG NUMBER: P3AS17R559830DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1274518

CATALOG NUMBER: P3AS17R559830DE010 E3DLP1GPH

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	113	110	107	105	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	54	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	113982
5°	111116
10°	103316
15°	91987
20°	78173
25°	63100
30°	48109
35°	34211
40°	22585
45°	13397
50°	7846
55°	4855
60°	4298
65°	3891
70°	3334
75°	2965
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13397 cd/sqm

TEST NUMBER: P1274518

CATALOG NUMBER: P3AS17R559830DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.9	11.2
10°-20°	112.3	26.8
20°-30°	119.0	28.4
30°-40°	80.4	19.2
40°-50°	35.3	8.4
50°-60°	12.6	3.0
60°-70°	7.4	1.8
70°-80°	3.9	0.9
80°-90°	1.3	0.3
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°	278.2	66.4
0°-40°	358.6	85.6
0°-60°	406.5	97.0
0°-90°	419.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	419.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	520	
5°	505	47
15°	405	112
25°	261	119
35°	128	80
45°	43	35
55°	13	13
65°	8	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1274518

CATALOG NUMBER: P3AS17R559830DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	519.8
2.5°	515.8
5°	504.8
7.5°	487.0
10°	464.0
12.5°	436.3
15°	405.2
17.5°	370.7
20°	335.0
22.5°	297.6
25°	260.8
27.5°	224.5
30°	190.0
32.5°	157.1
35°	127.8
37.5°	101.3
40°	78.9
42.5°	59.3
45°	43.2
47.5°	31.7
50°	23.0
52.5°	16.1
55°	12.7
57.5°	11.5
60°	9.8
62.5°	8.6
65°	7.5
67.5°	6.3
70°	5.2
72.5°	4.6
75°	3.5
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)