

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: P1252107

Luminaire Tested: P3AS13R559030DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252107
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: P3AS13R559030DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

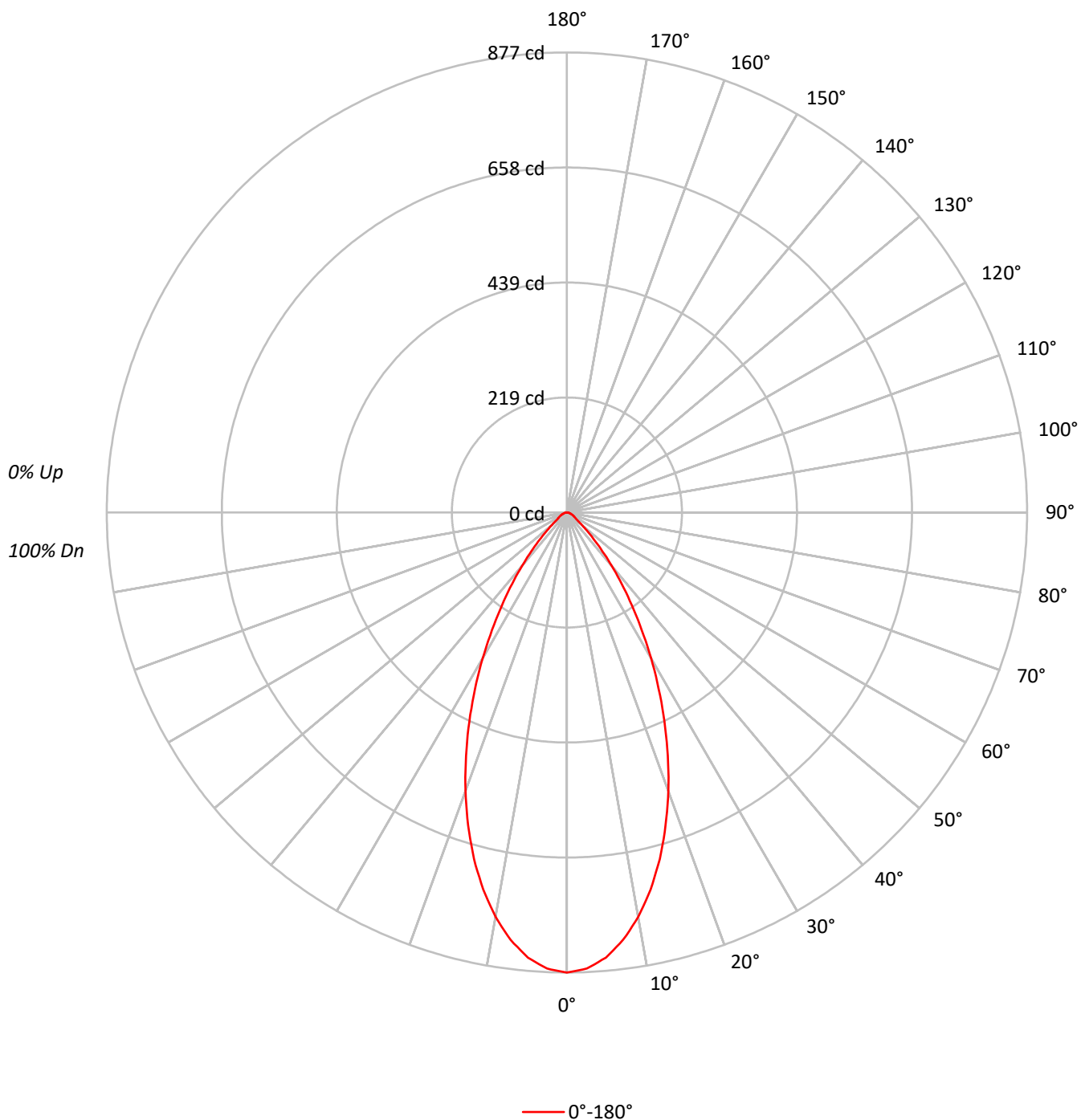
Lumens per Lamp: N/A
Luminaire Lumens: 707.0 lumens
Efficiency: N/A
Efficacy: 48.4 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1252107

CATALOG NUMBER: P3AS13R559030DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1252107

CATALOG NUMBER: P3AS13R559030DE010 E3DL1WH

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	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	192331
5°	187497
10°	174323
15°	155234
20°	131915
25°	106458
30°	81152
35°	57714
40°	38100
45°	22576
50°	13270
55°	8181
60°	7236
65°	6538
70°	5578
75°	4914
80°	4925
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22576 cd/sqm

TEST NUMBER: P1252107

CATALOG NUMBER: P3AS13R559030DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.1	11.2
10°-20°	189.6	26.8
20°-30°	200.8	28.4
30°-40°	135.7	19.2
40°-50°	59.5	8.4
50°-60°	21.3	3.0
60°-70°	12.5	1.8
70°-80°	6.5	0.9
80°-90°	2.1	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°	469.4	66.4
0°-40°	605.1	85.6
0°-60°	685.9	97.0
0°-90°	707.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	707.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	877	
5°	852	79
15°	684	190
25°	440	201
35°	216	136
45°	73	59
55°	21	21
65°	13	12
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1252107

CATALOG NUMBER: P3AS13R559030DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	877.1
2.5°	870.3
5°	851.8
7.5°	821.7
10°	782.9
12.5°	736.2
15°	683.8
17.5°	625.5
20°	565.3
22.5°	502.2
25°	440.0
27.5°	378.8
30°	320.5
32.5°	265.2
35°	215.6
37.5°	170.9
40°	133.1
42.5°	100.0
45°	72.8
47.5°	53.4
50°	38.9
52.5°	27.2
55°	21.4
57.5°	19.4
60°	16.5
62.5°	14.6
65°	12.6
67.5°	10.7
70°	8.7
72.5°	7.8
75°	5.8
77.5°	4.9
80°	3.9
82.5°	2.9
85°	1.9
87.5°	1.0
90°	0.0

(END OF REPORT)