

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: P1271865

Luminaire Tested: P3AS13R159827DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271865
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159827DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

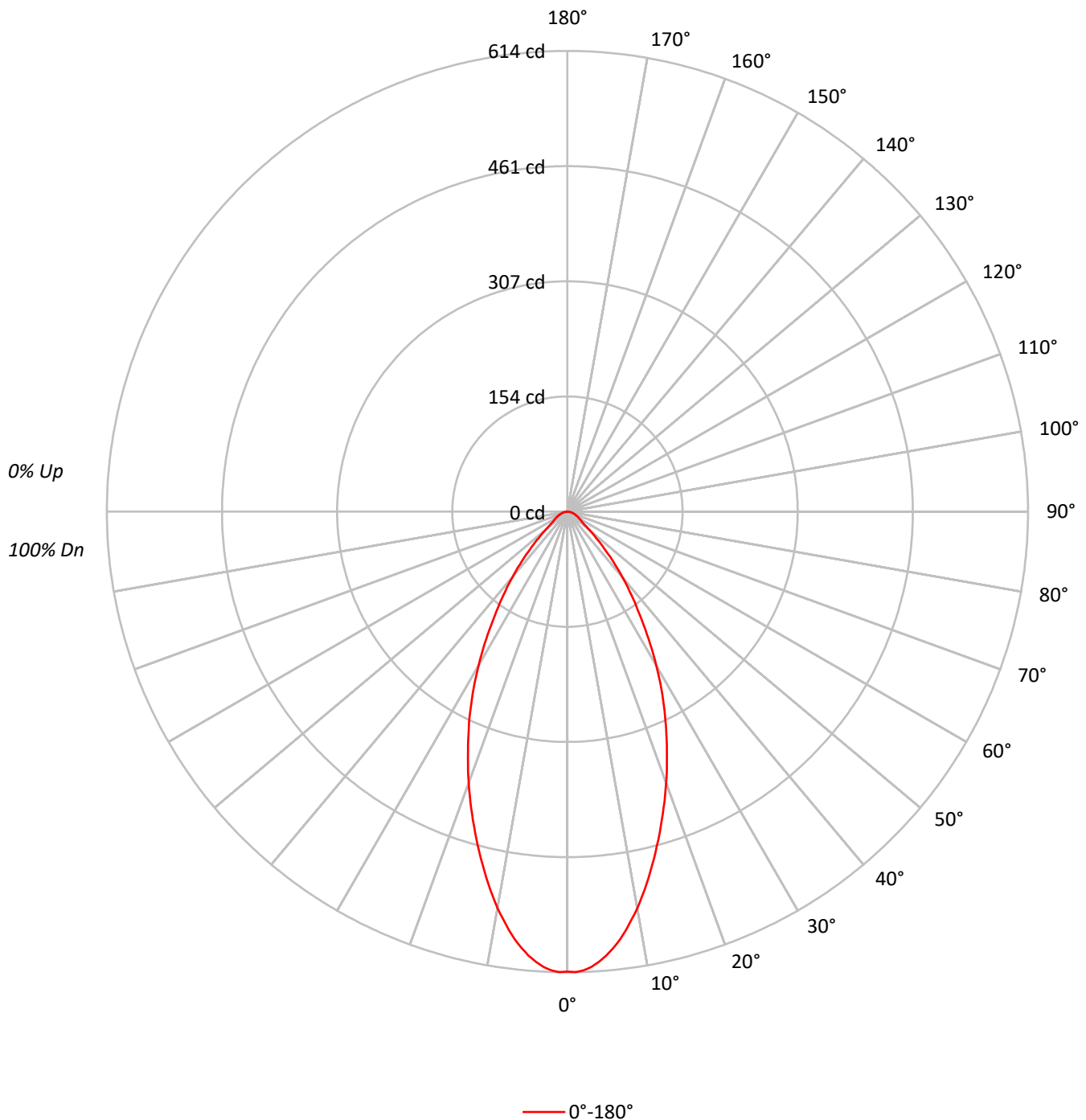
Lumens per Lamp: N/A
Luminaire Lumens: 533.0 lumens
Efficiency: N/A
Efficacy: 36.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1271865

CATALOG NUMBER: P3AS13R159827DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1271865

CATALOG NUMBER: P3AS13R159827DE010 E3DLD1H

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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	134441
5°	130794
10°	119526
15°	104700
20°	89818
25°	74980
30°	60009
35°	44999
40°	32661
45°	21367
50°	13373
55°	9022
60°	7982
65°	7368
70°	6924
75°	6270
80°	5935
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21367 cd/sqm

TEST NUMBER: P1271865

CATALOG NUMBER: P3AS13R159827DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.8	10.3
10°-20°	128.5	24.1
20°-30°	141.6	26.6
30°-40°	106.0	19.9
40°-50°	55.0	10.3
50°-60°	22.8	4.3
60°-70°	14.1	2.6
70°-80°	7.9	1.5
80°-90°	2.3	0.4
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°	324.9	61.0
0°-40°	430.9	80.9
0°-60°	508.7	95.4
0°-90°	533.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	533.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	613	
5°	594	55
15°	461	129
25°	310	142
35°	168	106
45°	69	55
55°	24	23
65°	14	14
75°	7	8
85°	2	2
90°	0	

TEST NUMBER: P1271865

CATALOG NUMBER: P3AS13R159827DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	613.1
1°	613.8
2°	611.8
3°	607.7
4°	601.6
5°	594.2
6°	584.7
7°	574.6
8°	562.5
9°	549.6
10°	536.8
12.5°	499.7
15°	461.2
17.5°	422.7
20°	384.9
22.5°	346.4
25°	309.9
27.5°	273.5
30°	237.0
32.5°	201.2
35°	168.1
37.5°	139.8
40°	114.1
42.5°	90.5
45°	68.9
47.5°	52.0
50°	39.2
52.5°	29.0
55°	23.6
57.5°	20.9
60°	18.2
62.5°	16.2
65°	14.2
67.5°	12.2
70°	10.8
72.5°	8.8
75°	7.4
77.5°	6.1
80°	4.7
82.5°	3.4
85°	2.0
87.5°	0.7
90°	0.0

(END OF REPORT)