

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: P1257957

Luminaire Tested: P3AS17R659040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257957
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

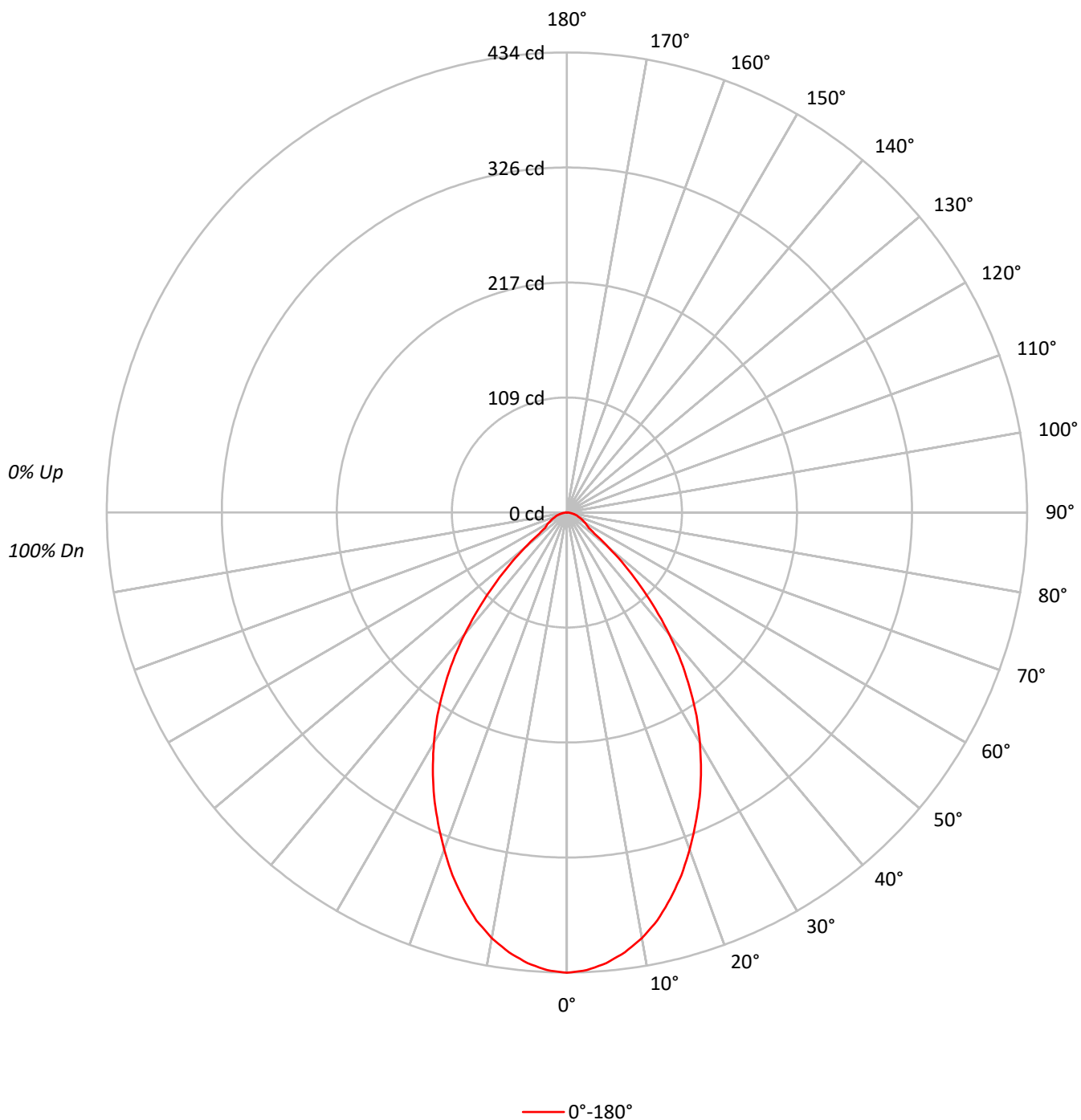
Lumens per Lamp: N/A
Luminaire Lumens: 535.0 lumens
Efficiency: N/A
Efficacy: 25.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	95212
5°	93924
10°	90780
15°	85608
20°	78967
25°	71665
30°	63478
35°	54020
40°	42995
45°	30329
50°	17603
55°	9596
60°	8947
65°	8094
70°	7437
75°	6947
80°	6061
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30329 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.1	7.5
10°-20°	105.5	19.7
20°-30°	135.6	25.3
30°-40°	125.4	23.4
40°-50°	75.7	14.2
50°-60°	25.8	4.8
60°-70°	15.6	2.9
70°-80°	8.8	1.6
80°-90°	2.5	0.5
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°	281.2	52.6
0°-40°	406.6	76.0
0°-60°	508.2	95.0
0°-90°	535.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	535.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	434	
5°	427	40
15°	377	106
25°	296	136
35°	202	125
45°	98	76
55°	25	26
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	434.2
2.5°	432.1
5°	426.7
7.5°	418.5
10°	407.7
12.5°	394.1
15°	377.1
17.5°	358.8
20°	338.4
22.5°	317.3
25°	296.2
27.5°	273.8
30°	250.7
32.5°	227.6
35°	201.8
37.5°	176.7
40°	150.2
42.5°	123.7
45°	97.8
47.5°	74.1
50°	51.6
52.5°	32.6
55°	25.1
57.5°	22.4
60°	20.4
62.5°	17.7
65°	15.6
67.5°	13.6
70°	11.6
72.5°	10.2
75°	8.2
77.5°	6.8
80°	4.8
82.5°	3.4
85°	2.0
87.5°	1.4
90°	0.0

(END OF REPORT)