

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: P1272155

Luminaire Tested: P3AS13R659827DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272155
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: P3AS13R659827DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

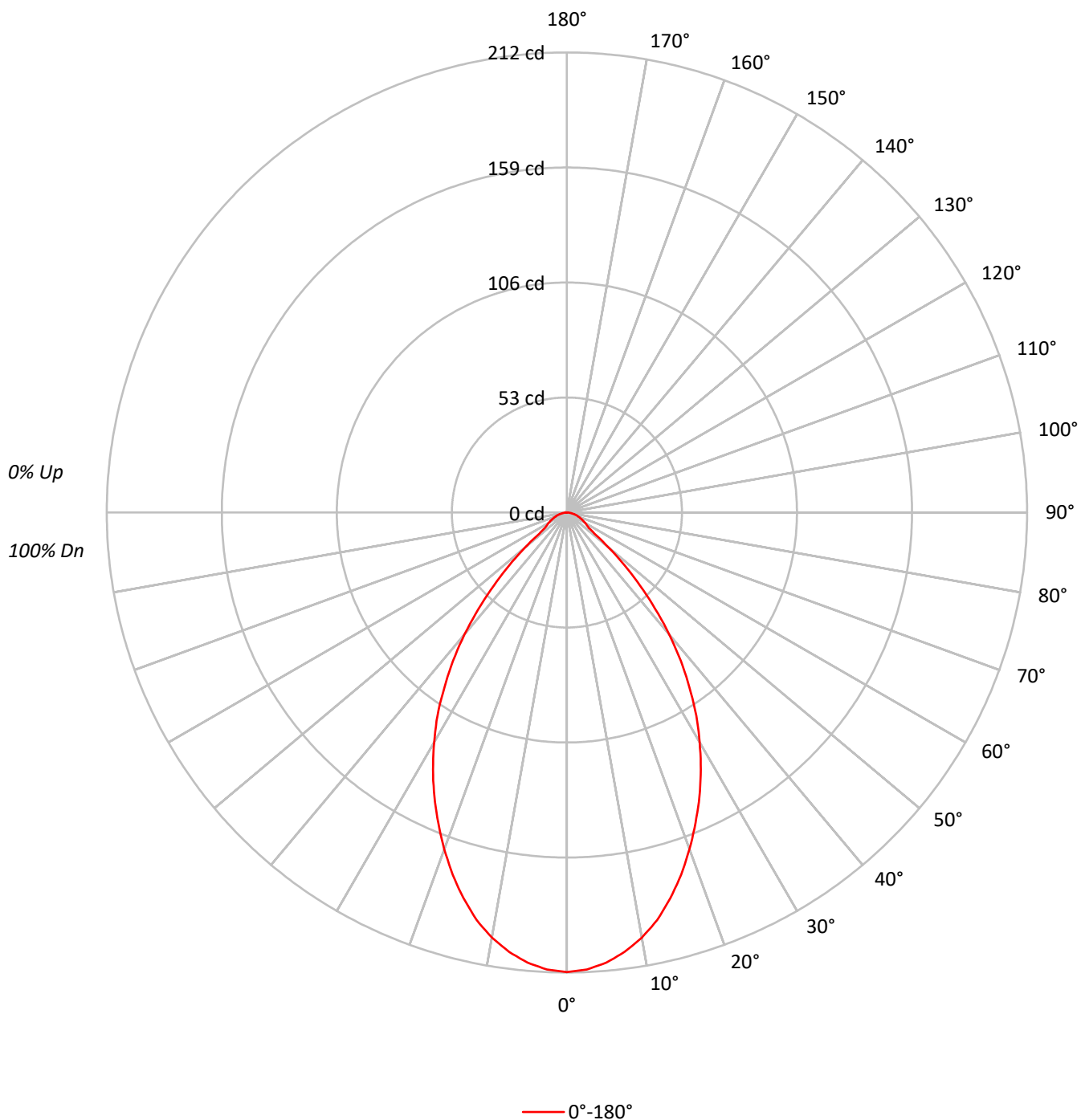
Lumens per Lamp: N/A
Luminaire Lumens: 261.0 lumens
Efficiency: N/A
Efficacy: 18.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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°	46444
5°	45829
10°	44288
15°	41771
20°	38527
25°	34962
30°	30967
35°	26341
40°	20982
45°	14792
50°	8597
55°	4702
60°	4342
65°	3943
70°	3590
75°	3389
80°	2904
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14792 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.6	7.5
10°-20°	51.5	19.7
20°-30°	66.1	25.3
30°-40°	61.2	23.4
40°-50°	36.9	14.1
50°-60°	12.6	4.8
60°-70°	7.6	2.9
70°-80°	4.3	1.6
80°-90°	1.2	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°	137.2	52.6
0°-40°	198.4	76.0
0°-60°	247.9	95.0
0°-90°	261.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	261.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	212	
5°	208	20
15°	184	51
25°	144	66
35°	98	61
45°	48	37
55°	12	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	211.8
2.5°	210.8
5°	208.2
7.5°	204.2
10°	198.9
12.5°	192.3
15°	184.0
17.5°	175.0
20°	165.1
22.5°	154.8
25°	144.5
27.5°	133.6
30°	122.3
32.5°	111.0
35°	98.4
37.5°	86.2
40°	73.3
42.5°	60.3
45°	47.7
47.5°	36.1
50°	25.2
52.5°	15.9
55°	12.3
57.5°	10.9
60°	9.9
62.5°	8.6
65°	7.6
67.5°	6.6
70°	5.6
72.5°	5.0
75°	4.0
77.5°	3.3
80°	2.3
82.5°	1.7
85°	1.0
87.5°	0.7
90°	0.0

(END OF REPORT)