

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: P1272816

Luminaire Tested: P3AS20R609827D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272816
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609827D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

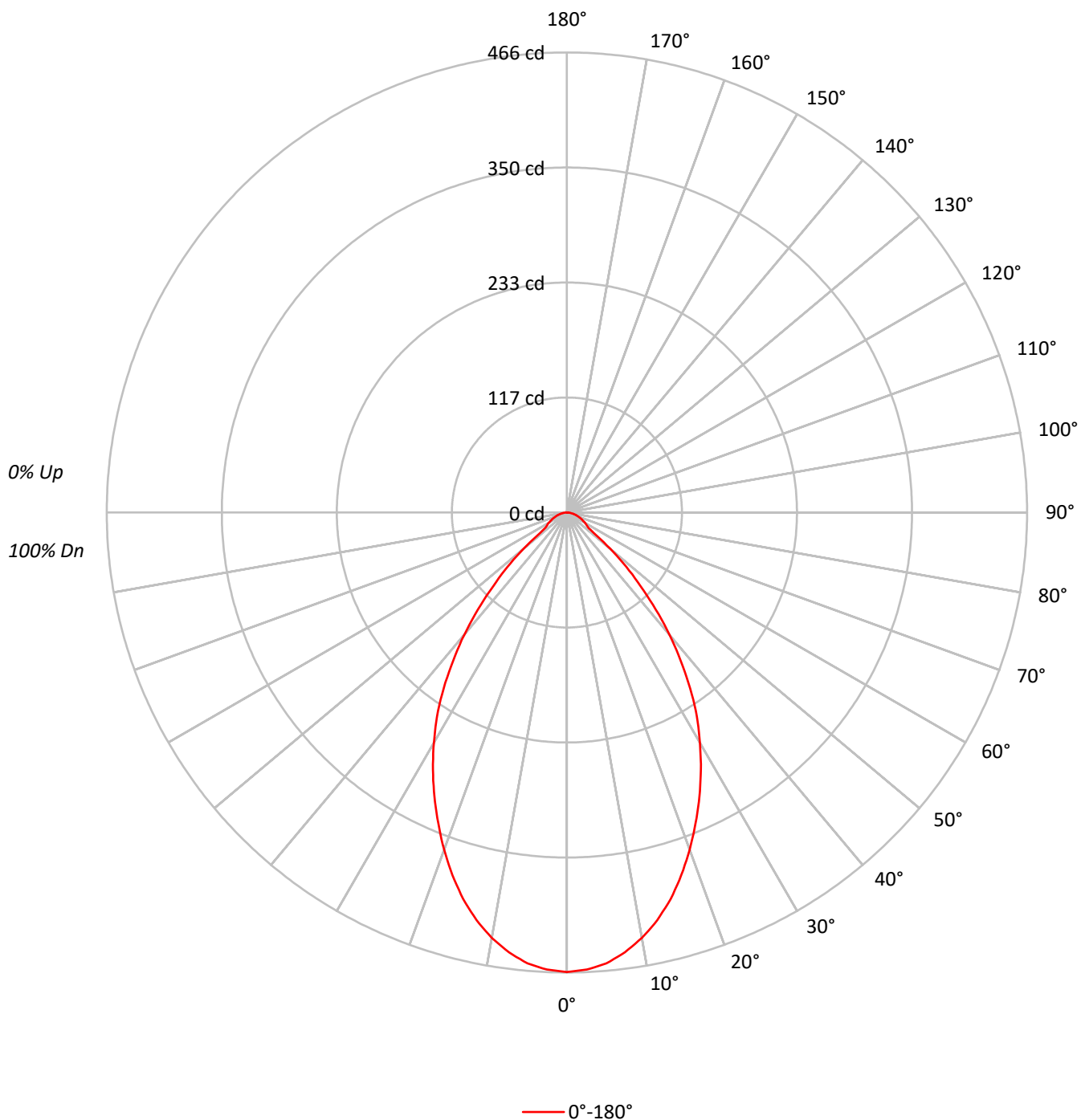
Lumens per Lamp: N/A
Luminaire Lumens: 575.0 lumens
Efficiency: N/A
Efficacy: 21.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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

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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°	102075
5°	100924
10°	97438
15°	92055
20°	84847
25°	76819
30°	68213
35°	58277
40°	46344
45°	32686
50°	19513
55°	9863
60°	9473
65°	8665
70°	8078
75°	7710
80°	7072
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32686 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.1	7.5
10°-20°	113.3	19.7
20°-30°	145.5	25.3
30°-40°	134.9	23.5
40°-50°	82.1	14.3
50°-60°	27.4	4.8
60°-70°	16.6	2.9
70°-80°	9.4	1.6
80°-90°	2.7	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°	301.9	52.5
0°-40°	436.8	76.0
0°-60°	546.3	95.0
0°-90°	575.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	575.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	466	
5°	458	43
15°	406	113
25°	318	146
35°	218	135
45°	105	82
55°	26	27
65°	17	17
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	465.5
2.5°	463.4
5°	458.5
7.5°	449.4
10°	437.6
12.5°	422.9
15°	405.5
17.5°	385.2
20°	363.6
22.5°	340.6
25°	317.5
27.5°	293.8
30°	269.4
32.5°	245.0
35°	217.7
37.5°	189.1
40°	161.9
42.5°	133.3
45°	105.4
47.5°	81.7
50°	57.2
52.5°	34.2
55°	25.8
57.5°	23.7
60°	21.6
62.5°	18.8
65°	16.7
67.5°	14.7
70°	12.6
72.5°	10.5
75°	9.1
77.5°	7.0
80°	5.6
82.5°	3.5
85°	2.1
87.5°	1.4
90°	0.0

(END OF REPORT)