

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: P1272822

Luminaire Tested: P3AS20R609827D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272822
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609827D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

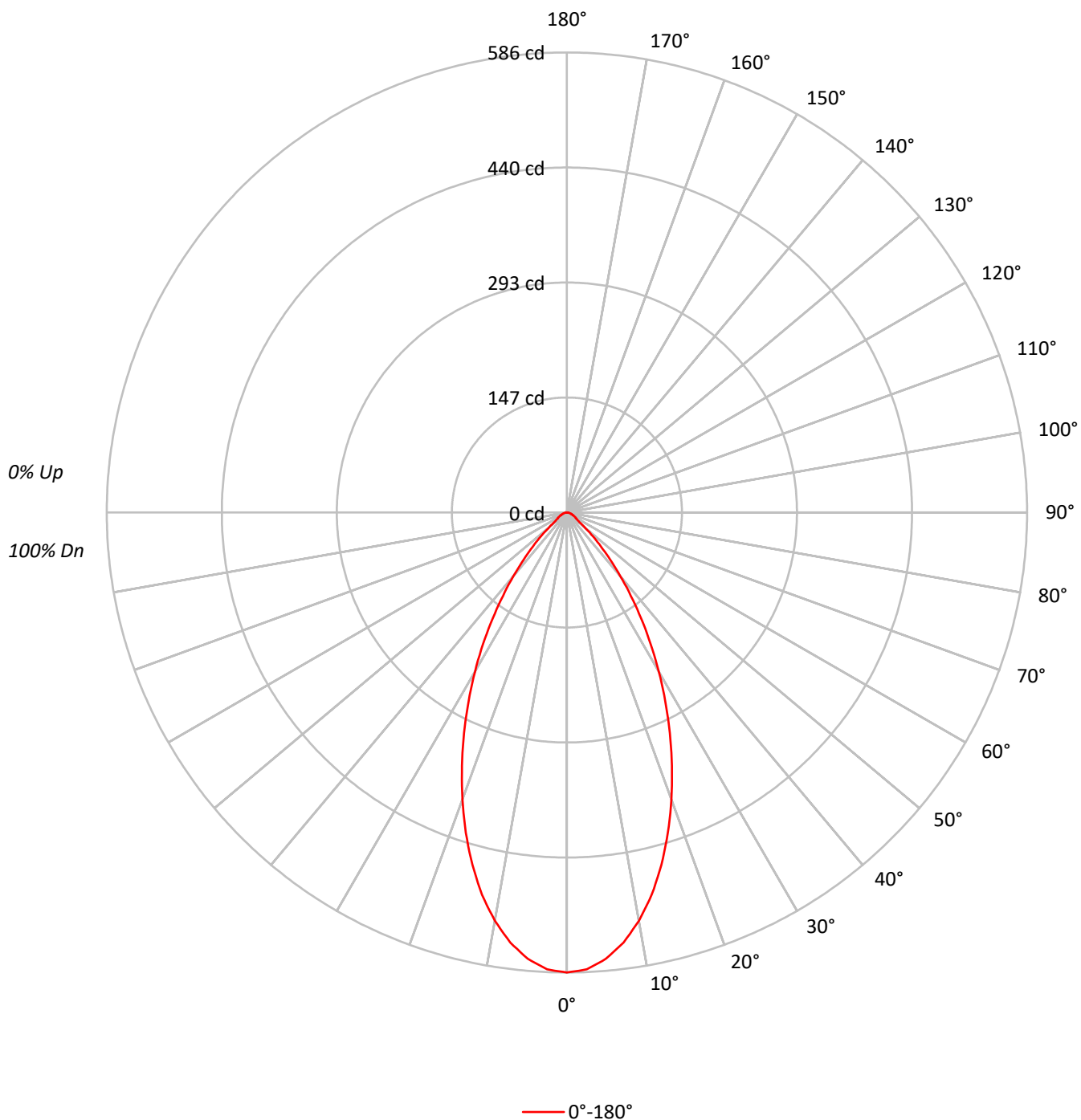
Lumens per Lamp: N/A
Luminaire Lumens: 507.0 lumens
Efficiency: N/A
Efficacy: 18.5 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1272822

CATALOG NUMBER: P3AS20R609827D010 E3DLP1GPH

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		85
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		78
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		57
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	128498
5°	125599
10°	117589
15°	105494
20°	90728
25°	75004
30°	59275
35°	44009
40°	30314
45°	19010
50°	10473
55°	6117
60°	5482
65°	4722
70°	4039
75°	4151
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19010 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.1	10.5
10°-20°	129.1	25.5
20°-30°	141.6	27.9
30°-40°	103.1	20.3
40°-50°	48.7	9.6
50°-60°	15.9	3.1
60°-70°	9.1	1.8
70°-80°	4.9	1.0
80°-90°	1.5	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°	323.8	63.9
0°-40°	426.9	84.2
0°-60°	491.6	96.9
0°-90°	507.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	507.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	586	
5°	571	53
15°	465	129
25°	310	142
35°	164	103
45°	61	49
55°	16	16
65°	9	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	586.0
2.5°	582.5
5°	570.6
7.5°	552.5
10°	528.1
12.5°	498.9
15°	464.7
17.5°	427.8
20°	388.8
22.5°	349.1
25°	310.0
27.5°	271.0
30°	234.1
32.5°	198.6
35°	164.4
37.5°	133.8
40°	105.9
42.5°	81.5
45°	61.3
47.5°	44.6
50°	30.7
52.5°	20.2
55°	16.0
57.5°	13.9
60°	12.5
62.5°	10.5
65°	9.1
67.5°	7.7
70°	6.3
72.5°	5.6
75°	4.9
77.5°	3.5
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)