

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: P1272585

Luminaire Tested: P3AS20R209827D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272585
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R209827D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

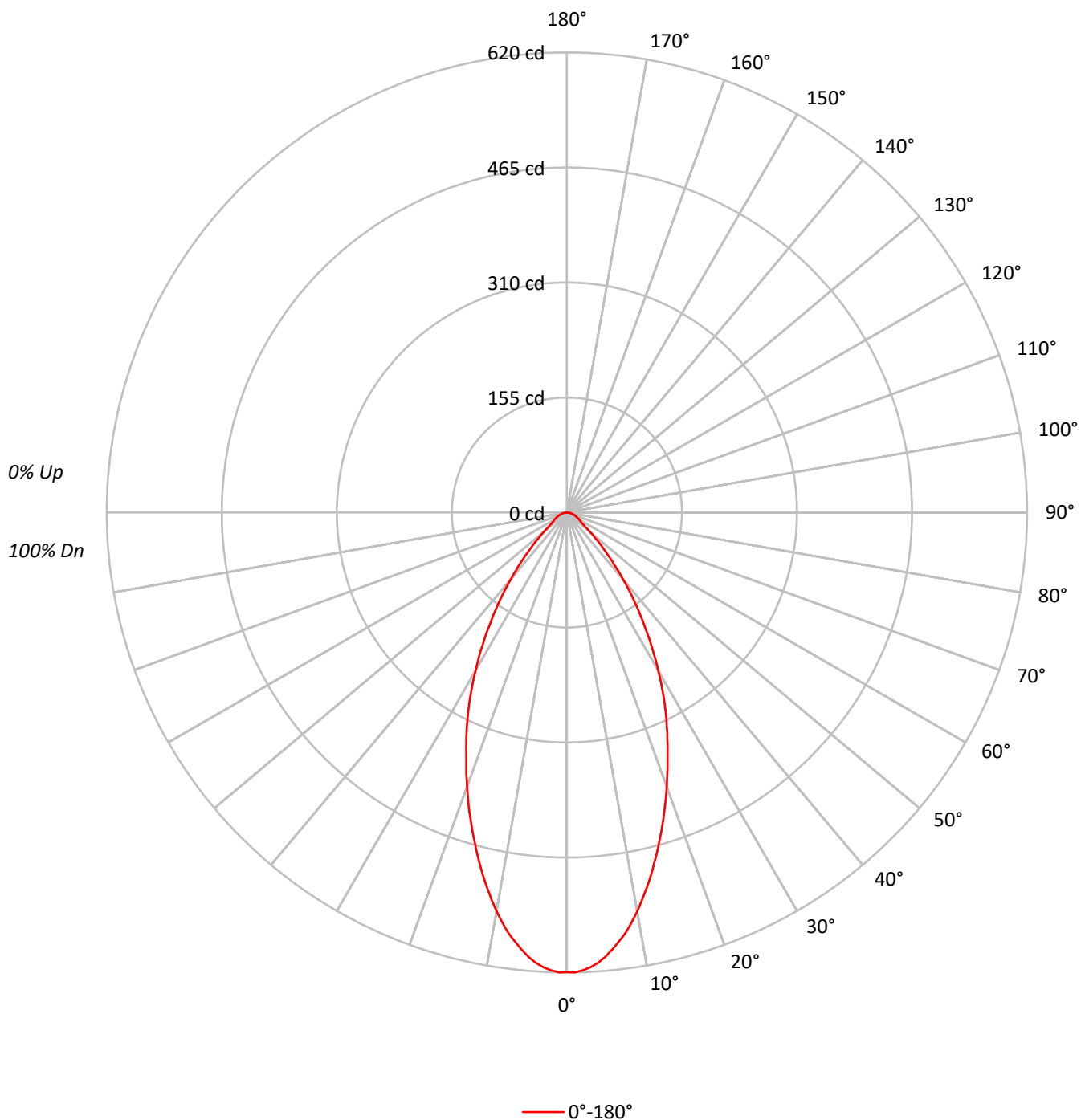
Lumens per Lamp: N/A
Luminaire Lumens: 549.0 lumens
Efficiency: N/A
Efficacy: 20.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83		
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76		
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55		
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52		
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48		
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	135801
5°	132159
10°	121597
15°	107015
20°	91778
25°	77109
30°	62339
35°	47408
40°	33749
45°	22266
50°	13782
55°	9061
60°	8245
65°	7575
70°	7181
75°	6524
80°	6188
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22266 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.5	10.1
10°-20°	131.2	23.9
20°-30°	145.7	26.5
30°-40°	111.1	20.2
40°-50°	56.9	10.4
50°-60°	23.4	4.3
60°-70°	14.6	2.7
70°-80°	8.2	1.5
80°-90°	2.4	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°	332.5	60.6
0°-40°	443.6	80.8
0°-60°	523.9	95.4
0°-90°	549.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	549.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	619	
5°	600	56
15°	471	131
25°	319	146
35°	177	111
45°	72	57
55°	24	23
65°	15	15
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	619.3
1°	620.0
2°	617.2
3°	613.7
4°	608.1
5°	600.4
6°	591.4
7°	581.6
8°	571.2
9°	558.6
10°	546.1
12.5°	509.8
15°	471.4
17.5°	432.4
20°	393.3
22.5°	354.3
25°	318.7
27.5°	283.1
30°	246.2
32.5°	211.3
35°	177.1
37.5°	147.1
40°	117.9
42.5°	92.8
45°	71.8
47.5°	54.4
50°	40.4
52.5°	30.0
55°	23.7
57.5°	21.6
60°	18.8
62.5°	16.7
65°	14.6
67.5°	12.6
70°	11.2
72.5°	9.1
75°	7.7
77.5°	6.3
80°	4.9
82.5°	3.5
85°	2.1
87.5°	0.7
90°	0.0

(END OF REPORT)