

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: P1272240

Luminaire Tested: P3AS17R209827DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272240
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: P3AS17R209827DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

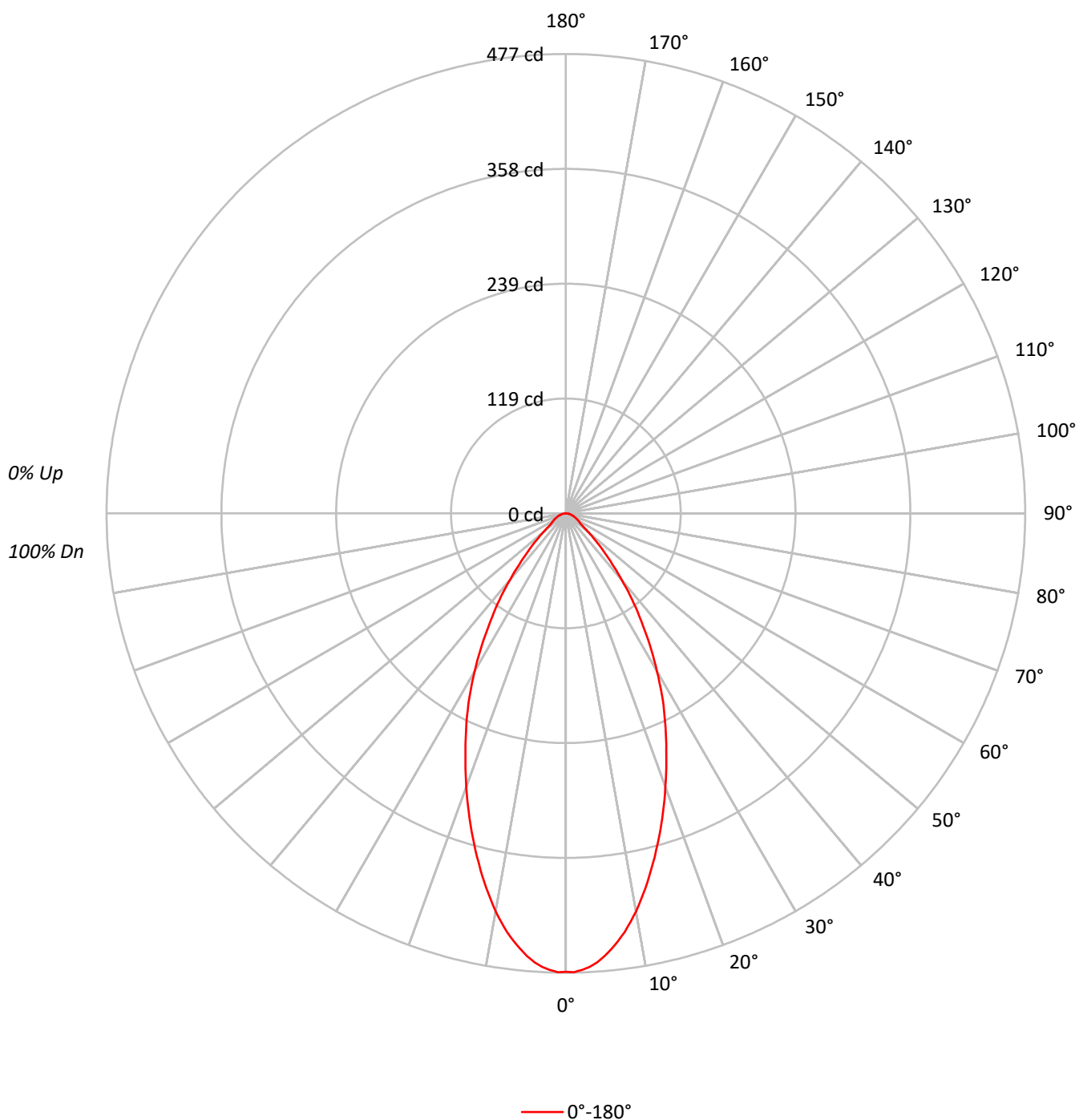
Lumens per Lamp: N/A
Luminaire Lumens: 422.0 lumens
Efficiency: N/A
Efficacy: 20.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104378
5°	101585
10°	93452
15°	82271
20°	70543
25°	59278
30°	47906
35°	36460
40°	25934
45°	17118
50°	10609
55°	6958
60°	6359
65°	5863
70°	5514
75°	4999
80°	4799
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17118 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.7	10.1
10°-20°	100.9	23.9
20°-30°	112.0	26.5
30°-40°	85.4	20.2
40°-50°	43.7	10.4
50°-60°	18.0	4.3
60°-70°	11.2	2.7
70°-80°	6.3	1.5
80°-90°	1.8	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°	255.6	60.6
0°-40°	341.0	80.8
0°-60°	402.7	95.4
0°-90°	422.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	422.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	476	
5°	462	43
15°	362	101
25°	245	112
35°	136	85
45°	55	44
55°	18	18
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	476.0
1°	476.6
2°	474.4
3°	471.7
4°	467.4
5°	461.5
6°	454.6
7°	447.1
8°	439.0
9°	429.4
10°	419.7
12.5°	391.9
15°	362.4
17.5°	332.4
20°	302.3
22.5°	272.3
25°	245.0
27.5°	217.6
30°	189.2
32.5°	162.4
35°	136.2
37.5°	113.1
40°	90.6
42.5°	71.3
45°	55.2
47.5°	41.8
50°	31.1
52.5°	23.1
55°	18.2
57.5°	16.6
60°	14.5
62.5°	12.9
65°	11.3
67.5°	9.6
70°	8.6
72.5°	7.0
75°	5.9
77.5°	4.8
80°	3.8
82.5°	2.7
85°	1.6
87.5°	0.5
90°	0.0

(END OF REPORT)