

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: P1274799

Luminaire Tested: P3AS20R459830D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274799
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R459830D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

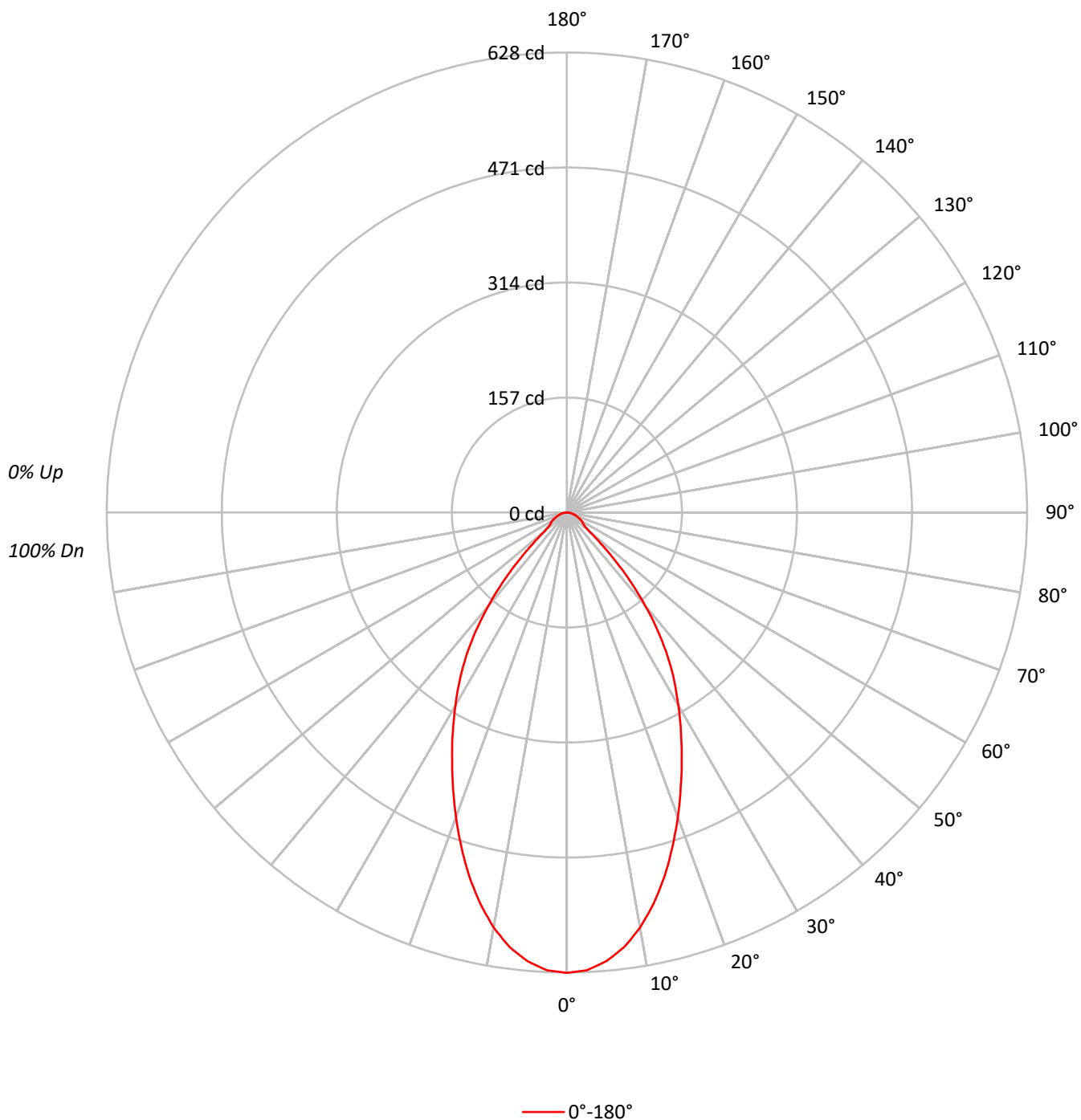
Lumens per Lamp: N/A
Luminaire Lumens: 650.0 lumens
Efficiency: N/A
Efficacy: 23.7 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	137818
5°	135373
10°	128098
15°	116822
20°	103306
25°	89715
30°	76999
35°	64166
40°	47804
45°	29274
50°	13543
55°	10590
60°	10175
65°	9340
70°	8655
75°	8218
80°	7577
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29274 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.5	8.8
10°-20°	143.3	22.0
20°-30°	170.2	26.2
30°-40°	147.9	22.8
40°-50°	74.2	11.4
50°-60°	25.8	4.0
60°-70°	18.1	2.8
70°-80°	10.1	1.5
80°-90°	3.0	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°	371.0	57.1
0°-40°	518.9	79.8
0°-60°	618.8	95.2
0°-90°	650.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	650.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	628	
5°	615	57
15°	515	143
25°	371	170
35°	240	148
45°	94	74
55°	28	26
65°	18	18
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	628.5
2.5°	625.5
5°	615.0
7.5°	598.5
10°	575.3
12.5°	546.8
15°	514.6
17.5°	478.7
20°	442.7
22.5°	406.0
25°	370.8
27.5°	337.1
30°	304.1
32.5°	272.7
35°	239.7
37.5°	204.5
40°	167.0
42.5°	130.3
45°	94.4
47.5°	62.2
50°	39.7
52.5°	30.7
55°	27.7
57.5°	25.5
60°	23.2
62.5°	21.0
65°	18.0
67.5°	15.7
70°	13.5
72.5°	11.2
75°	9.7
77.5°	7.5
80°	6.0
82.5°	4.5
85°	2.2
87.5°	1.5
90°	0.0

(END OF REPORT)