

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: P1252801

Luminaire Tested: P3AS20R509030D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252801
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R509030D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

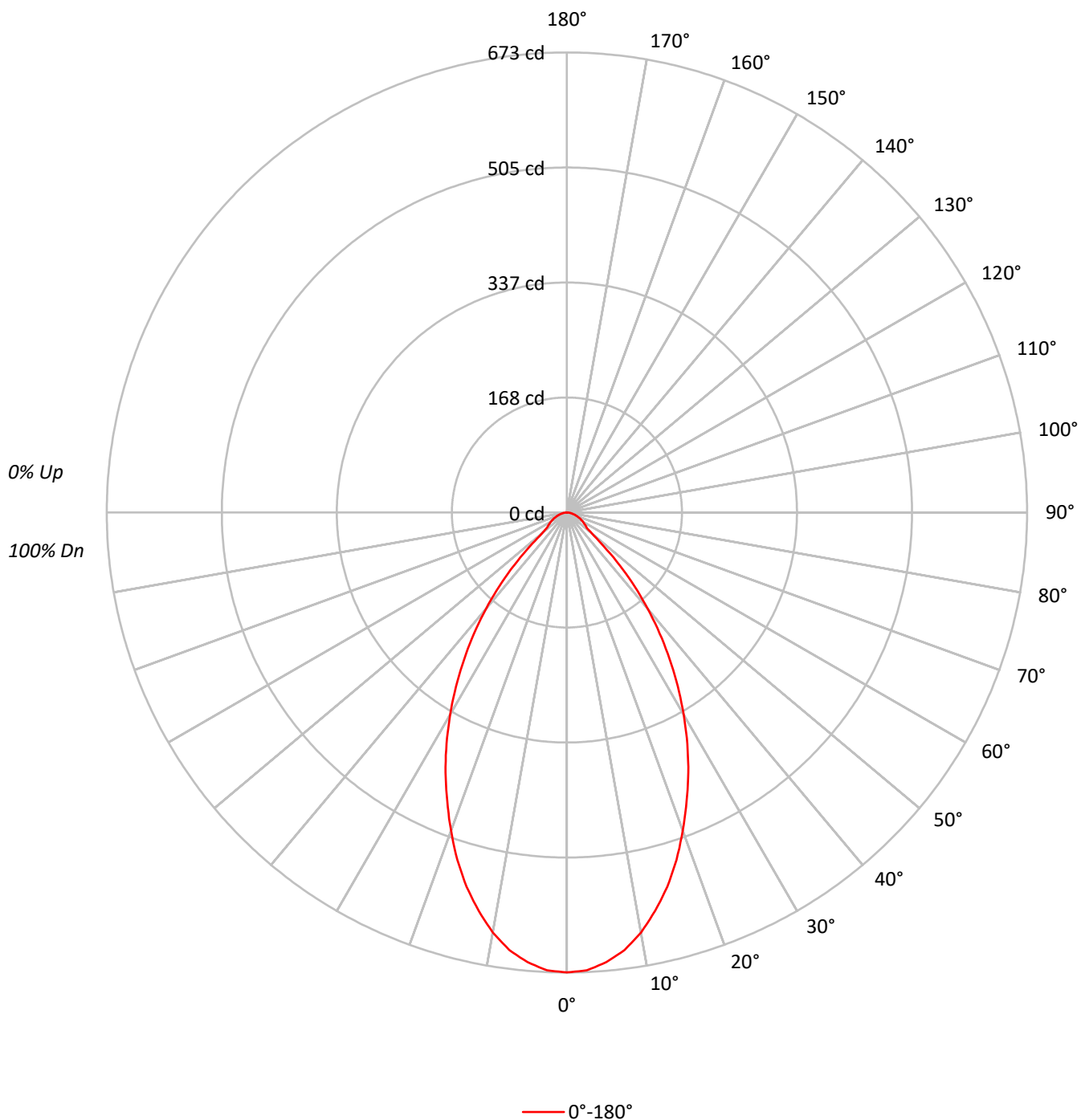
Lumens per Lamp: N/A
Luminaire Lumens: 726.0 lumens
Efficiency: N/A
Efficacy: 25.2 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	147532
5°	145366
10°	138920
15°	128673
20°	115627
25°	101643
30°	86444
35°	70082
40°	52641
45°	33926
50°	16102
55°	12654
60°	11973
65°	11156
70°	10066
75°	9150
80°	8334
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33926 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.9	8.5
10°-20°	158.0	21.8
20°-30°	192.0	26.4
30°-40°	162.8	22.4
40°-50°	84.6	11.7
50°-60°	30.5	4.2
60°-70°	21.1	2.9
70°-80°	11.5	1.6
80°-90°	3.6	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°	411.9	56.7
0°-40°	574.7	79.2
0°-60°	689.8	95.0
0°-90°	726.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	726.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	673	
5°	660	62
15°	567	158
25°	420	192
35°	262	163
45°	109	85
55°	33	31
65°	22	21
75°	11	11
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	672.8
2.5°	670.3
5°	660.4
7.5°	645.5
10°	623.9
12.5°	596.6
15°	566.8
17.5°	532.8
20°	495.5
22.5°	457.4
25°	420.1
27.5°	381.2
30°	341.4
32.5°	301.6
35°	261.8
37.5°	222.9
40°	183.9
42.5°	146.7
45°	109.4
47.5°	72.9
50°	47.2
52.5°	36.5
55°	33.1
57.5°	29.8
60°	27.3
62.5°	24.0
65°	21.5
67.5°	18.2
70°	15.7
72.5°	13.3
75°	10.8
77.5°	8.3
80°	6.6
82.5°	5.0
85°	3.3
87.5°	1.7
90°	0.0

(END OF REPORT)