

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: P1274720

Luminaire Tested: P3AS20R309830D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274720
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309830D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

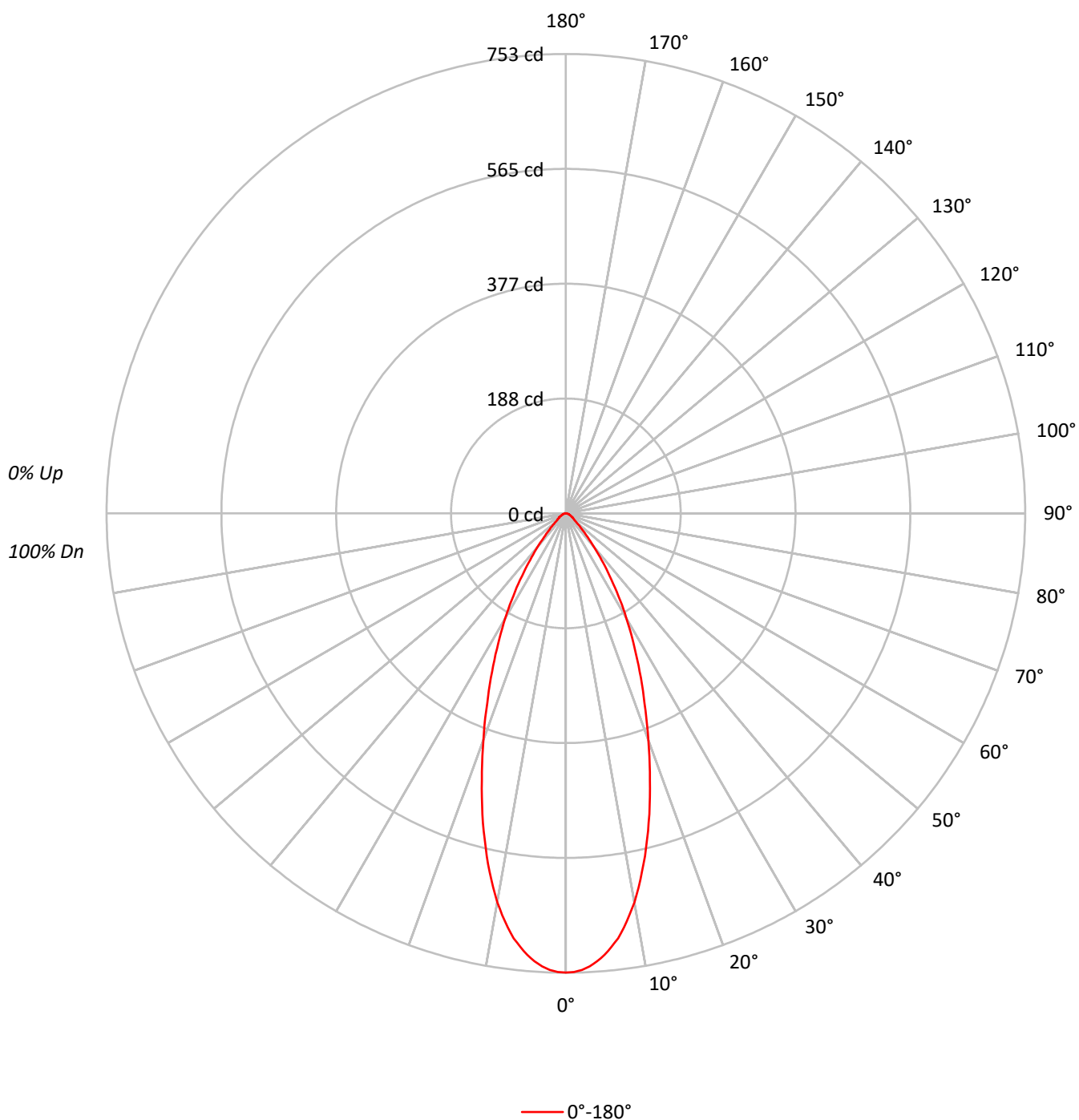
Lumens per Lamp: N/A
Luminaire Lumens: 482.9 lumens
Efficiency: N/A
Efficacy: 17.6 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		68	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	165053
5°	159916
10°	144086
15°	119183
20°	92268
25°	69222
30°	50261
35°	33488
40°	20581
45°	12063
50°	7403
55°	6002
60°	5263
65°	4255
70°	3847
75°	3813
80°	2778
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 12063 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.8	13.8
10°-20°	144.6	29.9
20°-30°	131.5	27.2
30°-40°	79.6	16.5
40°-50°	31.9	6.6
50°-60°	14.1	2.9
60°-70°	8.5	1.8
70°-80°	4.6	1.0
80°-90°	1.3	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°	343.0	71.0
0°-40°	422.5	87.5
0°-60°	468.5	97.0
0°-90°	482.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	482.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	753	
5°	726	67
15°	525	145
25°	286	132
35°	125	80
45°	39	32
55°	16	14
65°	8	9
75°	4	5
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	752.7
1°	751.9
2°	748.9
3°	743.7
4°	736.2
5°	726.5
6°	714.5
7°	701.8
8°	685.3
9°	666.6
10°	647.1
11°	624.6
12°	600.7
13°	576.7
14°	550.5
15°	525.0
17.5°	458.4
20°	395.4
22.5°	337.0
25°	286.1
27.5°	239.7
30°	198.5
32.5°	160.3
35°	125.1
37.5°	95.9
40°	71.9
42.5°	52.4
45°	38.9
47.5°	29.2
50°	21.7
52.5°	17.2
55°	15.7
57.5°	13.5
60°	12.0
62.5°	9.7
65°	8.2
67.5°	7.5
70°	6.0
72.5°	5.2
75°	4.5
77.5°	3.7
80°	2.2
82.5°	1.5
85°	1.5
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)