

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: P1274863

Luminaire Tested: P3AS20R559830D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274863
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R559830D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

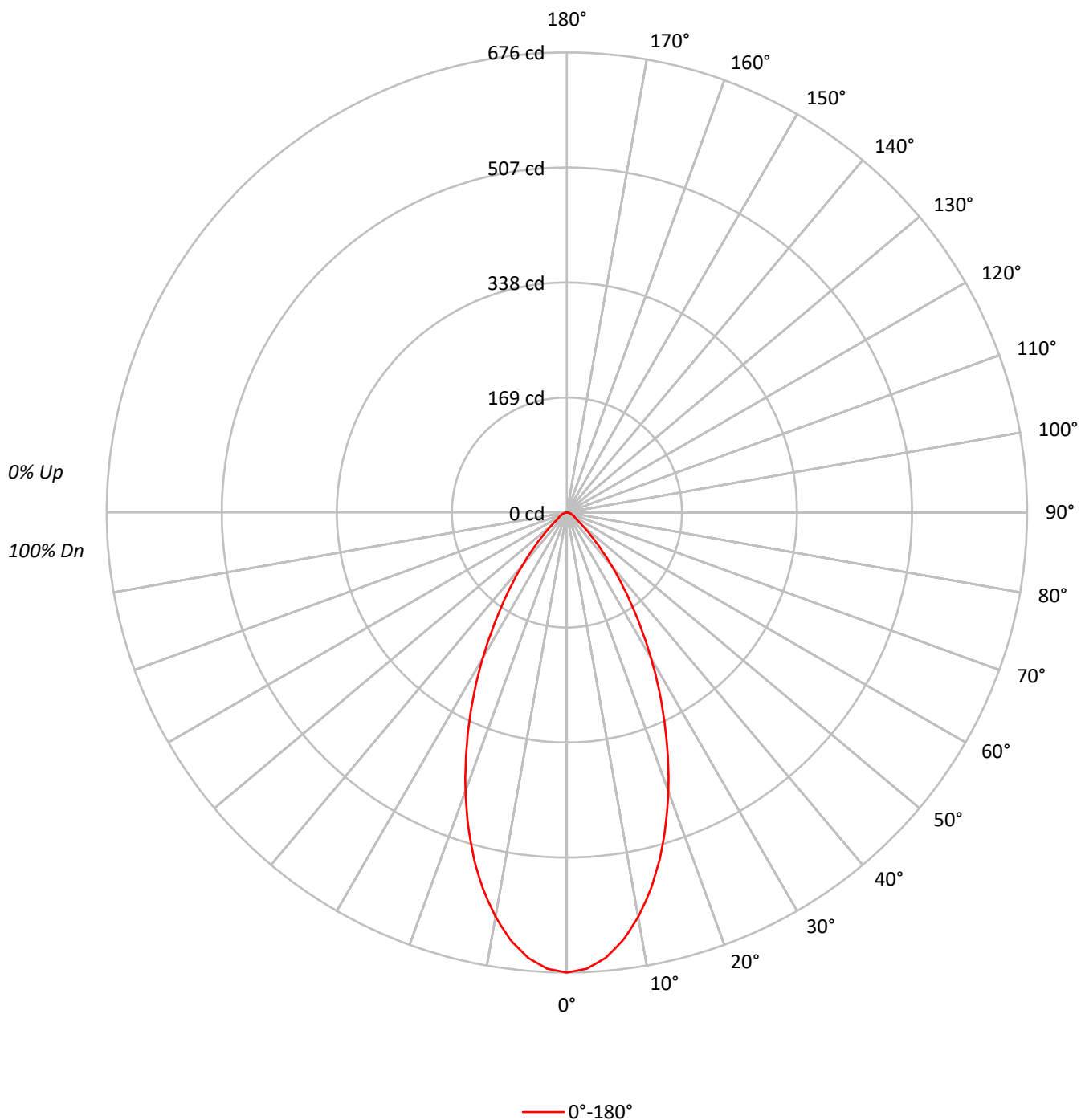
Lumens per Lamp: N/A
Luminaire Lumens: 545.0 lumens
Efficiency: N/A
Efficacy: 19.9 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	105	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	148256
5°	144530
10°	134377
15°	119660
20°	101696
25°	82069
30°	62567
35°	44490
40°	29369
45°	17428
50°	10200
55°	6308
60°	5570
65°	5033
70°	4296
75°	3813
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17428 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.0	11.2
10°-20°	146.1	26.8
20°-30°	154.8	28.4
30°-40°	104.6	19.2
40°-50°	45.8	8.4
50°-60°	16.4	3.0
60°-70°	9.6	1.8
70°-80°	5.0	0.9
80°-90°	1.6	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°	361.9	66.4
0°-40°	466.5	85.6
0°-60°	528.7	97.0
0°-90°	545.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	545.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	676	
5°	657	61
15°	527	146
25°	339	155
35°	166	105
45°	56	46
55°	16	16
65°	10	10
75°	4	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	676.1
2.5°	670.9
5°	656.6
7.5°	633.4
10°	603.5
12.5°	567.5
15°	527.1
17.5°	482.2
20°	435.8
22.5°	387.1
25°	339.2
27.5°	292.0
30°	247.1
32.5°	204.4
35°	166.2
37.5°	131.8
40°	102.6
42.5°	77.1
45°	56.2
47.5°	41.2
50°	29.9
52.5°	21.0
55°	16.5
57.5°	15.0
60°	12.7
62.5°	11.2
65°	9.7
67.5°	8.2
70°	6.7
72.5°	6.0
75°	4.5
77.5°	3.7
80°	3.0
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)