

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: P1260696

Luminaire Tested: P3AS20R309050D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260696
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: P3AS20R309050D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

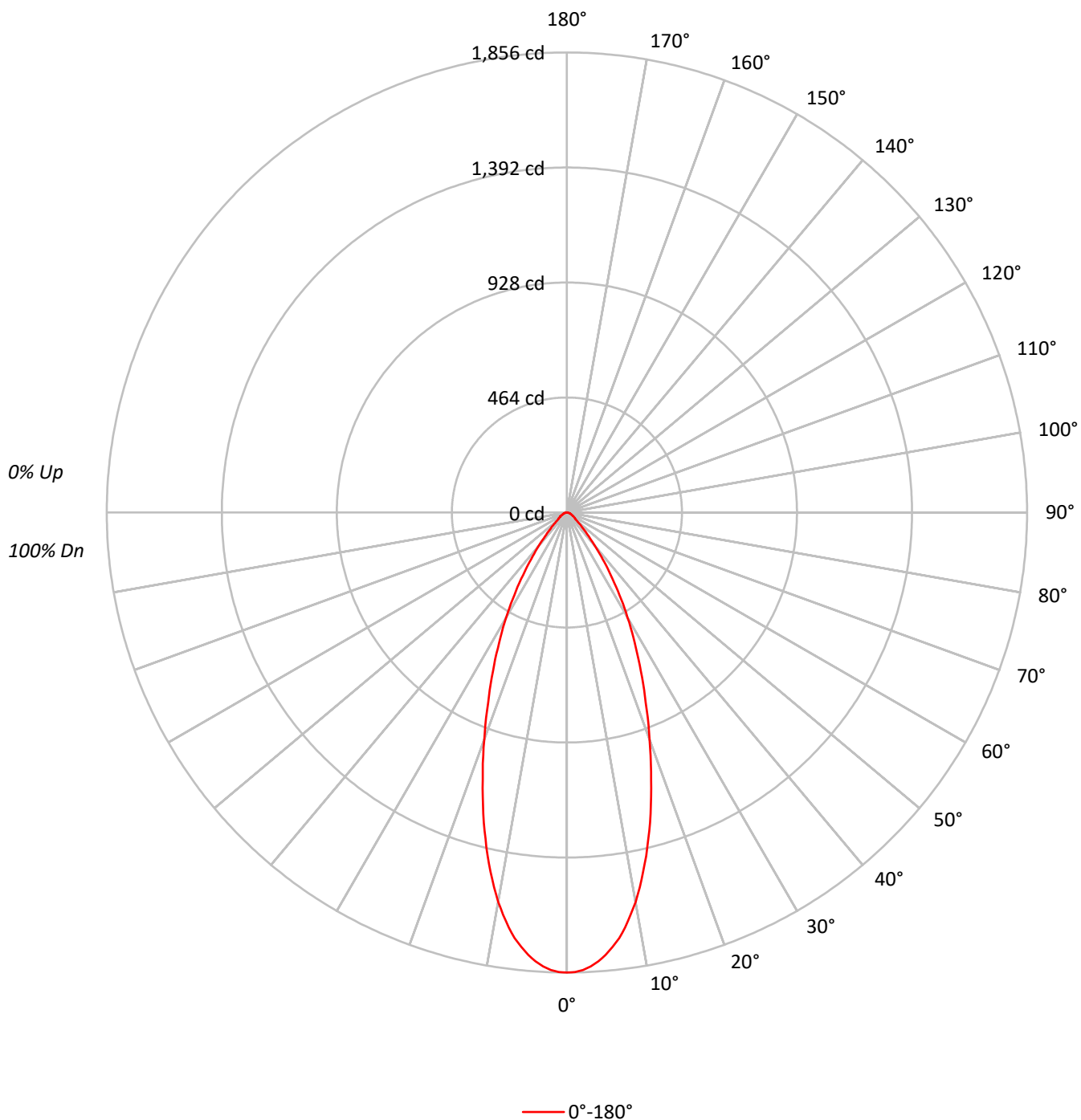
Lumens per Lamp: N/A
Luminaire Lumens: 1191.0 lumens
Efficiency: N/A
Efficacy: 41.4 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		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		67	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°	406985
5°	394320
10°	355282
15°	293895
20°	227543
25°	170695
30°	123918
35°	82556
40°	50752
45°	29771
50°	18285
55°	14833
60°	12938
65°	10533
70°	9489
75°	9404
80°	6945
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29771 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.8	13.8
10°-20°	356.6	29.9
20°-30°	324.4	27.2
30°-40°	196.1	16.5
40°-50°	78.6	6.6
50°-60°	34.8	2.9
60°-70°	21.0	1.8
70°-80°	11.4	1.0
80°-90°	3.3	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°	845.7	71.0
0°-40°	1041.8	87.5
0°-60°	1155.3	97.0
0°-90°	1191.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1191.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1856	
5°	1791	165
15°	1295	357
25°	706	324
35°	308	196
45°	96	79
55°	39	35
65°	20	21
75°	11	11
85°	4	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1856.0
1°	1854.2
2°	1846.8
3°	1833.8
4°	1815.4
5°	1791.4
6°	1761.8
7°	1730.4
8°	1689.8
9°	1643.6
10°	1595.6
11°	1540.2
12°	1481.1
13°	1422.0
14°	1357.4
15°	1294.6
17.5°	1130.2
20°	975.1
22.5°	831.0
25°	705.5
27.5°	591.0
30°	489.4
32.5°	395.2
35°	308.4
37.5°	236.4
40°	177.3
42.5°	129.3
45°	96.0
47.5°	72.0
50°	53.6
52.5°	42.5
55°	38.8
57.5°	33.2
60°	29.5
62.5°	24.0
65°	20.3
67.5°	18.5
70°	14.8
72.5°	12.9
75°	11.1
77.5°	9.2
80°	5.5
82.5°	3.7
85°	3.7
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)