

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: P1274622

Luminaire Tested: P3AS20R159830D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274622
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159830D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

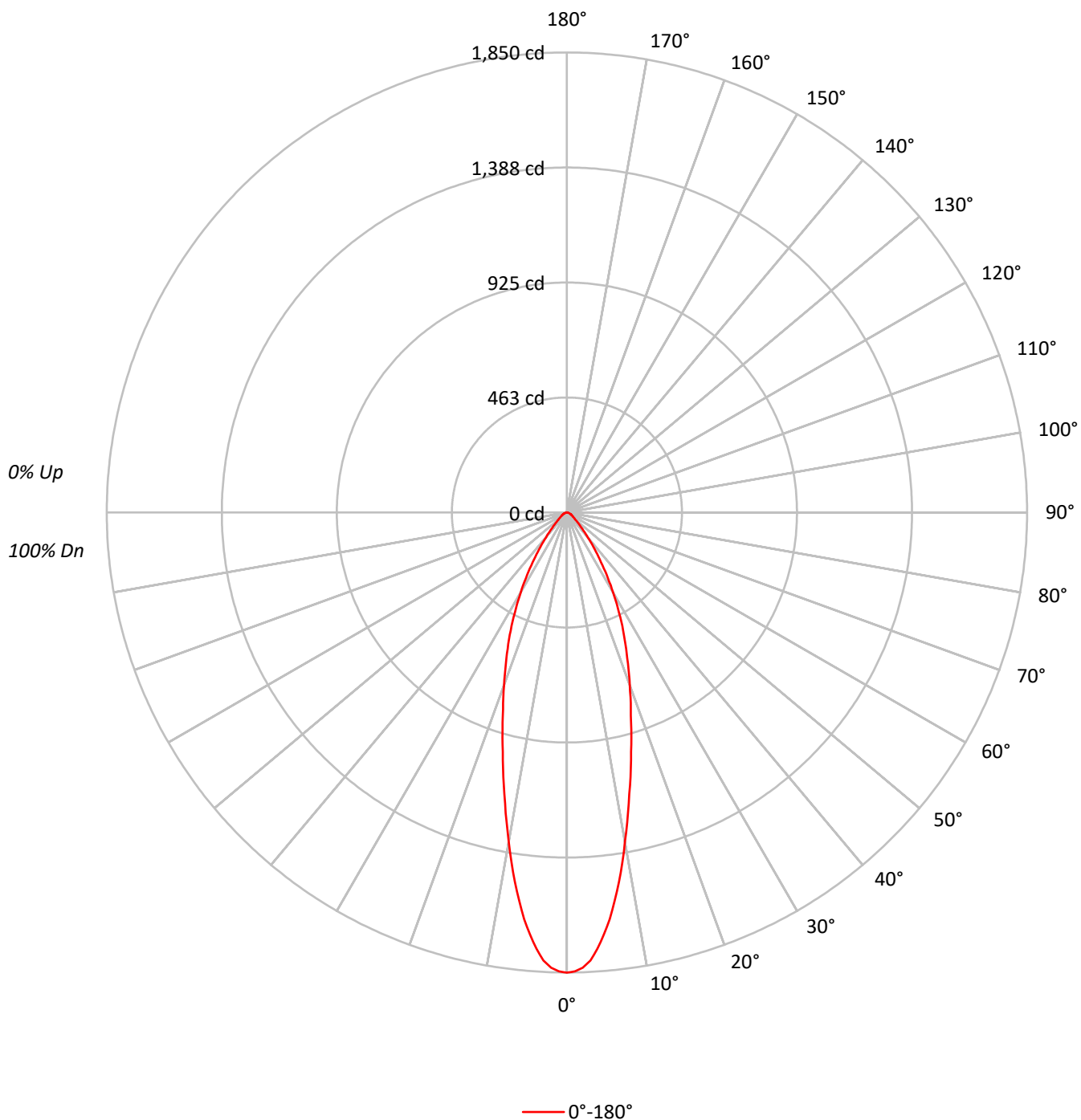
Lumens per Lamp: N/A
Luminaire Lumens: 941.0 lumens
Efficiency: N/A
Efficacy: 34.3 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	108	106		111	108	106	104		104	102	101		100	99	98		97	96	95
2	108	103	98	95		105	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	94	90	86		92	88	85		89	86	83		87	84	82
4	97	90	84	80		95	88	83	79		86	82	78		84	81	78		82	79	77
5	93	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		87	79	73	69		77	72	69		76	71	68		74	71	68
7	84	75	69	65		83	74	69	65		73	68	64		72	67	64		71	67	64
8	80	71	65	61		79	71	65	61		69	64	61		68	64	61		67	63	60
9	77	68	62	58		76	67	62	58		66	61	58		65	61	57		64	60	57
10	74	64	59	55		73	64	59	55		63	58	55		62	58	55		62	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	405779
5°	375038
10°	299416
15°	226176
20°	172238
25°	131258
30°	94014
35°	61355
40°	37613
45°	22731
50°	15113
55°	11699
60°	10043
65°	8717
70°	7822
75°	7795
80°	5809
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 22731 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.9	16.0
10°-20°	278.5	29.6
20°-30°	247.9	26.3
30°-40°	146.7	15.6
40°-50°	60.2	6.4
50°-60°	28.3	3.0
60°-70°	17.2	1.8
70°-80°	9.1	1.0
80°-90°	2.3	0.2
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°	677.3	72.0
0°-40°	824.0	87.6
0°-60°	912.4	97.0
0°-90°	941.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	941.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1850	
5°	1704	151
15°	996	278
25°	542	248
35°	229	147
45°	73	60
55°	31	28
65°	17	17
75°	9	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1850.5
1°	1845.9
2°	1832.2
3°	1804.7
4°	1758.8
5°	1703.8
6°	1644.2
7°	1573.9
8°	1500.6
9°	1425.7
10°	1344.7
12.5°	1159.8
15°	996.3
17.5°	855.7
20°	738.1
22.5°	634.2
25°	542.5
27.5°	453.8
30°	371.3
32.5°	296.4
35°	229.2
37.5°	175.7
40°	131.4
42.5°	97.8
45°	73.3
47.5°	56.5
50°	44.3
52.5°	36.7
55°	30.6
57.5°	26.0
60°	22.9
62.5°	19.9
65°	16.8
67.5°	15.3
70°	12.2
72.5°	10.7
75°	9.2
77.5°	6.1
80°	4.6
82.5°	3.1
85°	1.5
87.5°	1.5
90°	0.0

(END OF REPORT)