

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: P1253115

Luminaire Tested: P3AS24R459030D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253115
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R459030D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

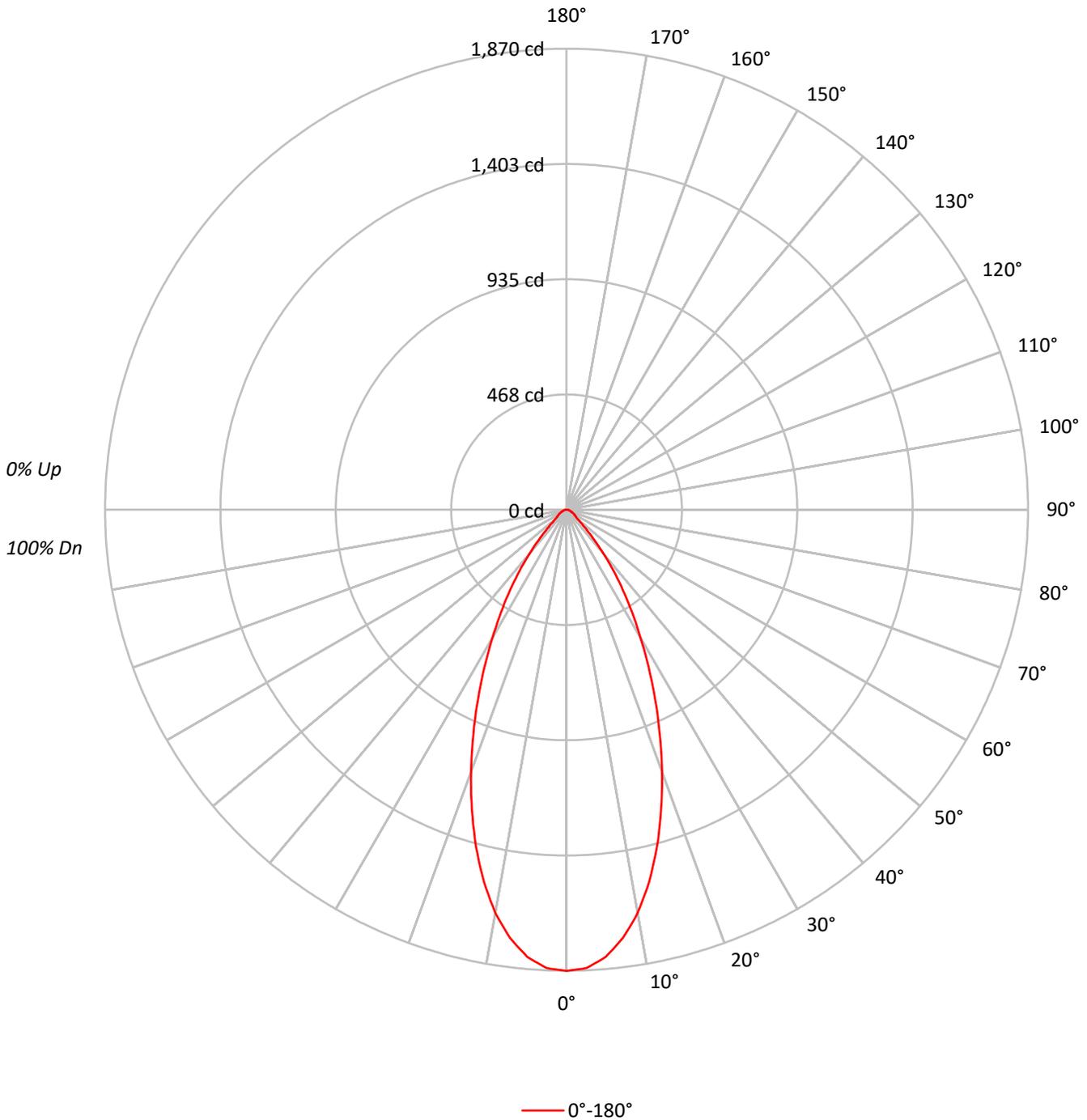
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1377.0 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86			
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79			
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74			
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69			
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64			
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60			
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56			
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53			
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	410165
5°	400791
10°	369733
15°	321500
20°	264110
25°	205488
30°	151745
35°	106782
40°	66668
45°	36097
50°	19547
55°	16783
60°	15087
65°	12868
70°	11028
75°	11353
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 36097 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.6	12.2
10°-20°	391.5	28.4
20°-30°	388.7	28.2
30°-40°	250.3	18.2
40°-50°	96.4	7.0
50°-60°	39.2	2.8
60°-70°	24.8	1.8
70°-80°	13.3	1.0
80°-90°	4.1	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°	948.8	68.9
0°-40°	1199.1	87.1
0°-60°	1334.8	96.9
0°-90°	1377.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1377.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1870	
5°	1821	169
15°	1416	392
25°	849	389
35°	399	250
45°	116	96
55°	44	39
65°	25	25
75°	13	13
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1870.5
2.5°	1860.9
5°	1820.8
7.5°	1752.1
10°	1660.5
12.5°	1546.0
15°	1416.2
17.5°	1275.0
20°	1131.8
22.5°	986.8
25°	849.3
27.5°	719.6
30°	599.3
32.5°	494.3
35°	398.9
37.5°	313.0
40°	232.9
42.5°	168.0
45°	116.4
47.5°	78.3
50°	57.3
52.5°	47.7
55°	43.9
57.5°	38.2
60°	34.4
62.5°	28.6
65°	24.8
67.5°	21.0
70°	17.2
72.5°	15.3
75°	13.4
77.5°	9.5
80°	7.6
82.5°	5.7
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)