

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: P1268076

Luminaire Tested: P3A20R159735D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268076
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: P3A20R159735D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

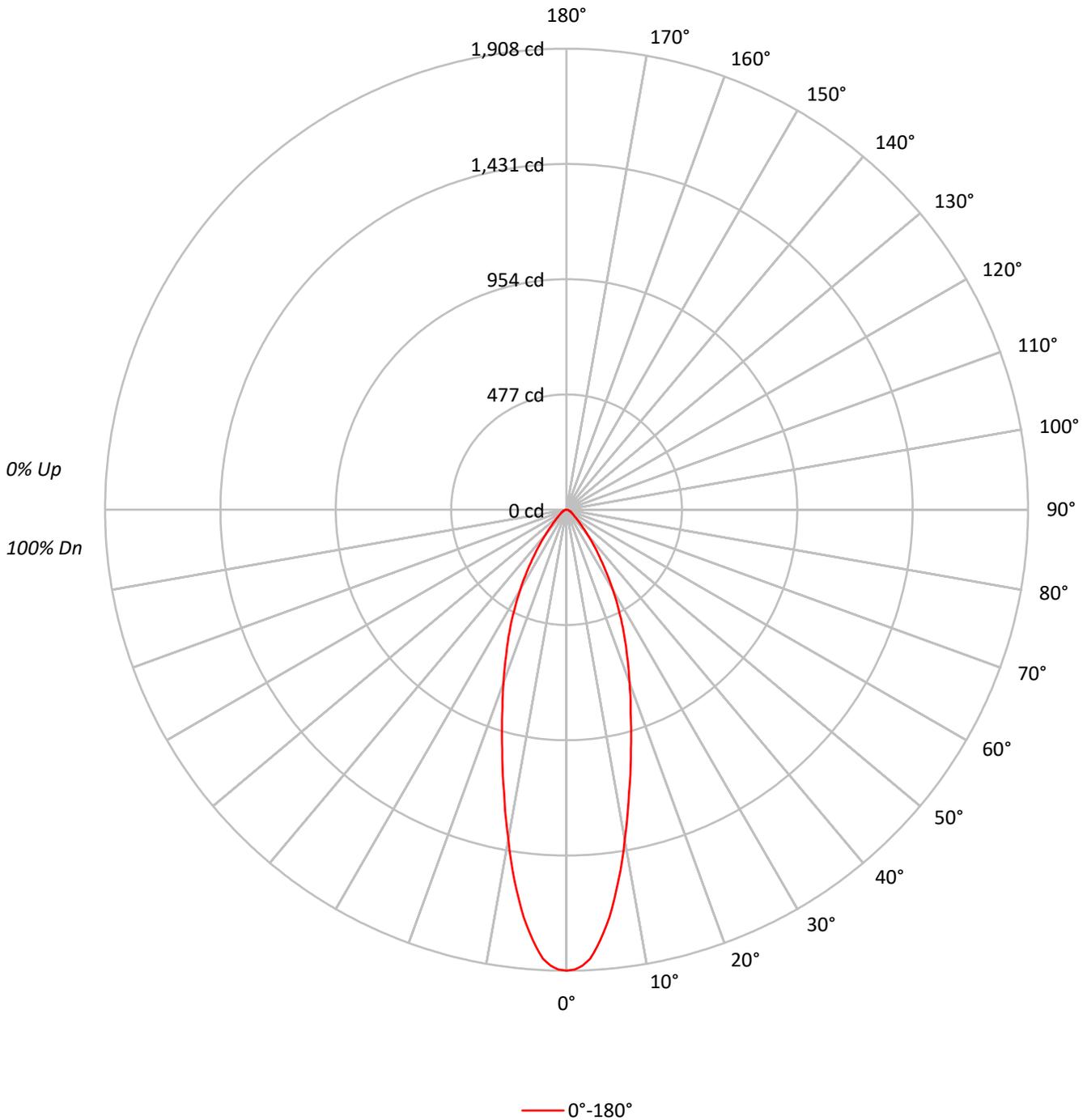
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 970.0 lumens
Efficiency: N/A
Efficacy: 33.7 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): 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				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	100	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	418278
5°	386594
10°	308656
15°	233145
20°	177535
25°	135298
30°	96926
35°	63256
40°	38787
45°	23444
50°	15590
55°	12043
60°	10350
65°	8976
70°	8078
75°	8049
80°	5935
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 23444 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.6	16.0
10°-20°	287.1	29.6
20°-30°	255.6	26.3
30°-40°	151.2	15.6
40°-50°	62.1	6.4
50°-60°	29.1	3.0
60°-70°	17.7	1.8
70°-80°	9.3	1.0
80°-90°	2.4	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°	698.2	72.0
0°-40°	849.4	87.6
0°-60°	940.6	97.0
0°-90°	970.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	970.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1908	
5°	1756	156
15°	1027	287
25°	559	256
35°	236	151
45°	76	62
55°	32	29
65°	17	18
75°	10	9
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1907.5
1°	1902.8
2°	1888.6
3°	1860.3
4°	1813.0
5°	1756.3
6°	1694.9
7°	1622.4
8°	1546.8
9°	1469.6
10°	1386.2
12.5°	1195.6
15°	1027.0
17.5°	882.1
20°	760.8
22.5°	653.7
25°	559.2
27.5°	467.8
30°	382.8
32.5°	305.6
35°	236.3
37.5°	181.1
40°	135.5
42.5°	100.8
45°	75.6
47.5°	58.3
50°	45.7
52.5°	37.8
55°	31.5
57.5°	26.8
60°	23.6
62.5°	20.5
65°	17.3
67.5°	15.8
70°	12.6
72.5°	11.0
75°	9.5
77.5°	6.3
80°	4.7
82.5°	3.2
85°	1.6
87.5°	1.6
90°	0.0

(END OF REPORT)