

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: P1270746

Luminaire Tested: P3A20R659740D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270746
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R659740D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

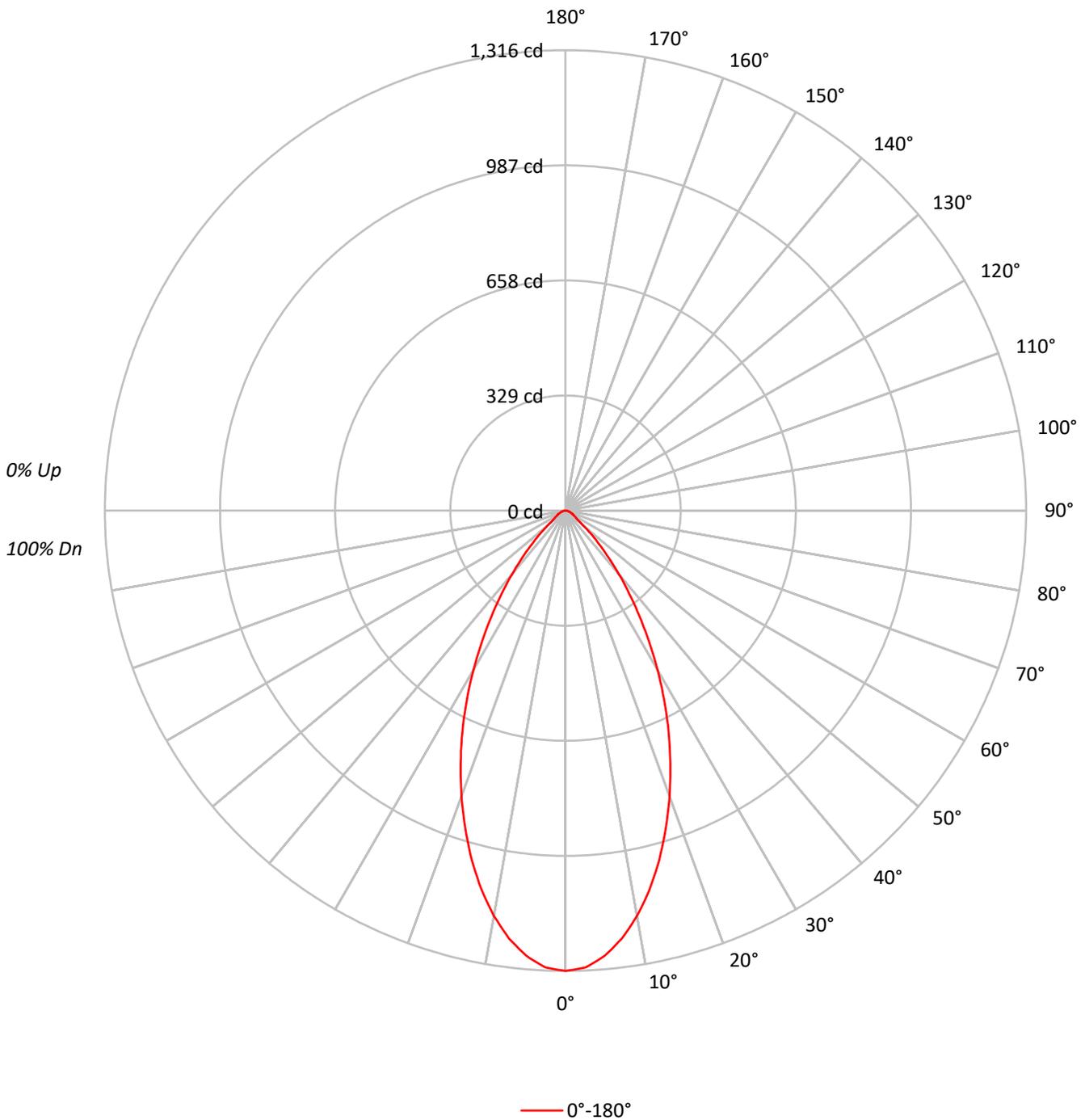
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1135.0 lumens
Efficiency: N/A
Efficacy: 39.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
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
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85				85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78				78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	288508
5°	281311
10°	261986
15°	234780
20°	202761
25°	168663
30°	133008
35°	98564
40°	67927
45°	42113
50°	22891
55°	14375
60°	12192
65°	11052
70°	9425
75°	8303
80°	8208
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 42113 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.8	10.5
10°-20°	287.4	25.3
20°-30°	317.8	28.0
30°-40°	230.9	20.3
40°-50°	108.1	9.5
50°-60°	36.4	3.2
60°-70°	21.0	1.9
70°-80°	11.0	1.0
80°-90°	3.6	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°	724.0	63.8
0°-40°	954.9	84.1
0°-60°	1099.4	96.9
0°-90°	1135.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1135.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1316	
5°	1278	119
15°	1034	287
25°	697	318
35°	368	231
45°	136	108
55°	38	36
65°	21	21
75°	10	11
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1315.7
2.5°	1307.5
5°	1278.0
7.5°	1233.8
10°	1176.6
12.5°	1109.5
15°	1034.2
17.5°	952.4
20°	868.9
22.5°	782.2
25°	697.1
27.5°	610.4
30°	525.3
32.5°	443.5
35°	368.2
37.5°	299.5
40°	237.3
42.5°	181.6
45°	135.8
47.5°	98.2
50°	67.1
52.5°	45.8
55°	37.6
57.5°	32.7
60°	27.8
62.5°	24.5
65°	21.3
67.5°	18.0
70°	14.7
72.5°	13.1
75°	9.8
77.5°	8.2
80°	6.5
82.5°	4.9
85°	3.3
87.5°	1.6
90°	0.0

(END OF REPORT)