

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: P1263609

Luminaire Tested: P3AS20R659727D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263609
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: P3AS20R659727D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

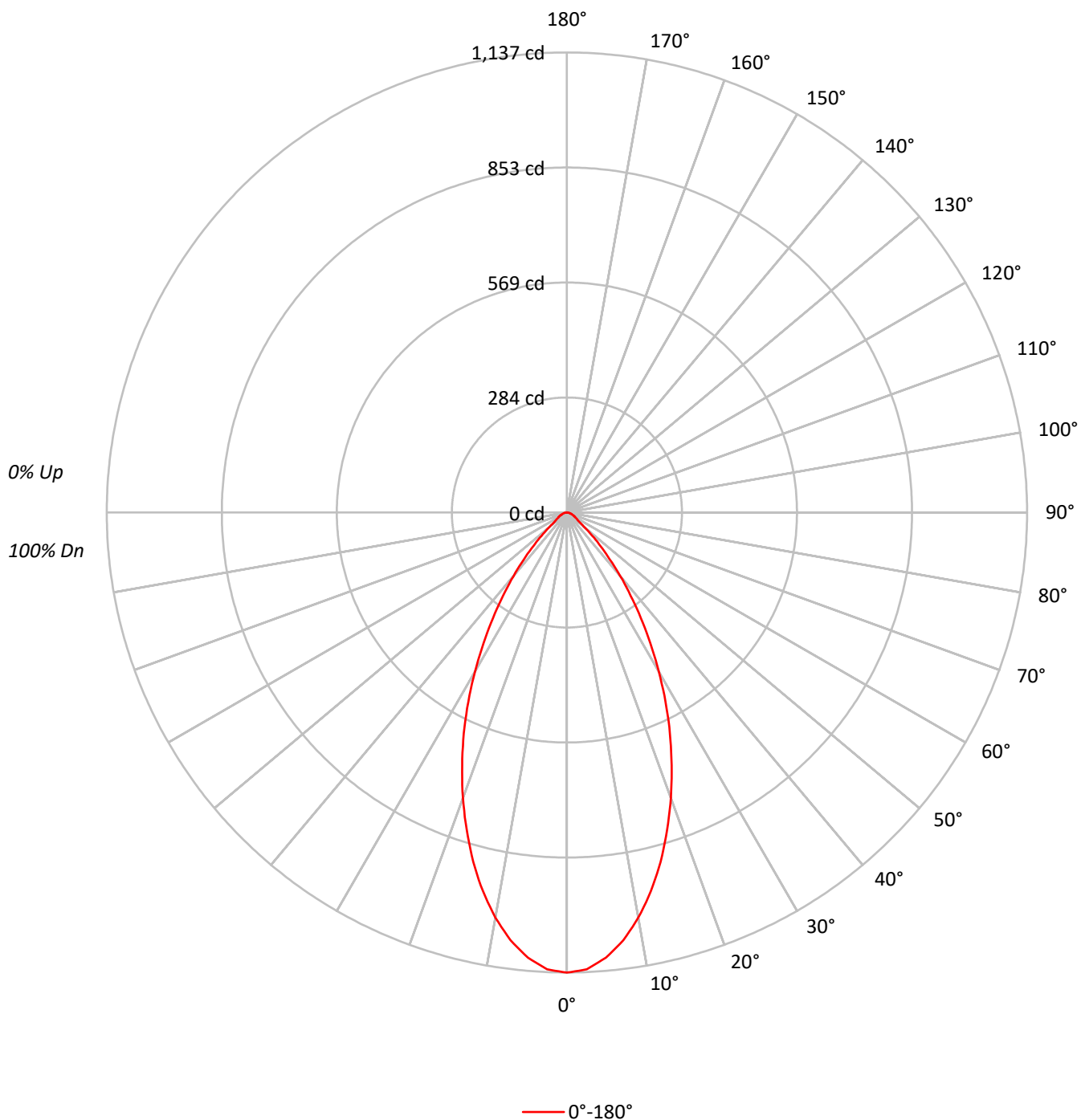
Lumens per Lamp: N/A
Luminaire Lumens: 981.0 lumens
Efficiency: N/A
Efficacy: 34.1 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	249344
5°	243143
10°	226426
15°	202930
20°	175249
25°	145775
30°	114954
35°	85180
40°	58710
45°	36407
50°	19786
55°	12425
60°	10525
65°	9547
70°	8142
75°	7202
80°	7198
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36407 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.6	10.5
10°-20°	248.4	25.3
20°-30°	274.7	28.0
30°-40°	199.5	20.3
40°-50°	93.5	9.5
50°-60°	31.5	3.2
60°-70°	18.2	1.9
70°-80°	9.5	1.0
80°-90°	3.1	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°	625.8	63.8
0°-40°	825.3	84.1
0°-60°	950.2	96.9
0°-90°	981.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	981.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1137	
5°	1105	103
15°	894	248
25°	602	275
35°	318	200
45°	117	93
55°	32	31
65°	18	18
75°	8	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1137.1
2.5°	1130.1
5°	1104.6
7.5°	1066.4
10°	1016.9
12.5°	958.9
15°	893.9
17.5°	823.2
20°	751.0
22.5°	676.1
25°	602.5
27.5°	527.6
30°	454.0
32.5°	383.3
35°	318.2
37.5°	258.8
40°	205.1
42.5°	157.0
45°	117.4
47.5°	84.9
50°	58.0
52.5°	39.6
55°	32.5
57.5°	28.3
60°	24.0
62.5°	21.2
65°	18.4
67.5°	15.6
70°	12.7
72.5°	11.3
75°	8.5
77.5°	7.1
80°	5.7
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)