

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: P1270742

Luminaire Tested: P3A20R659740D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270742
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R659740D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

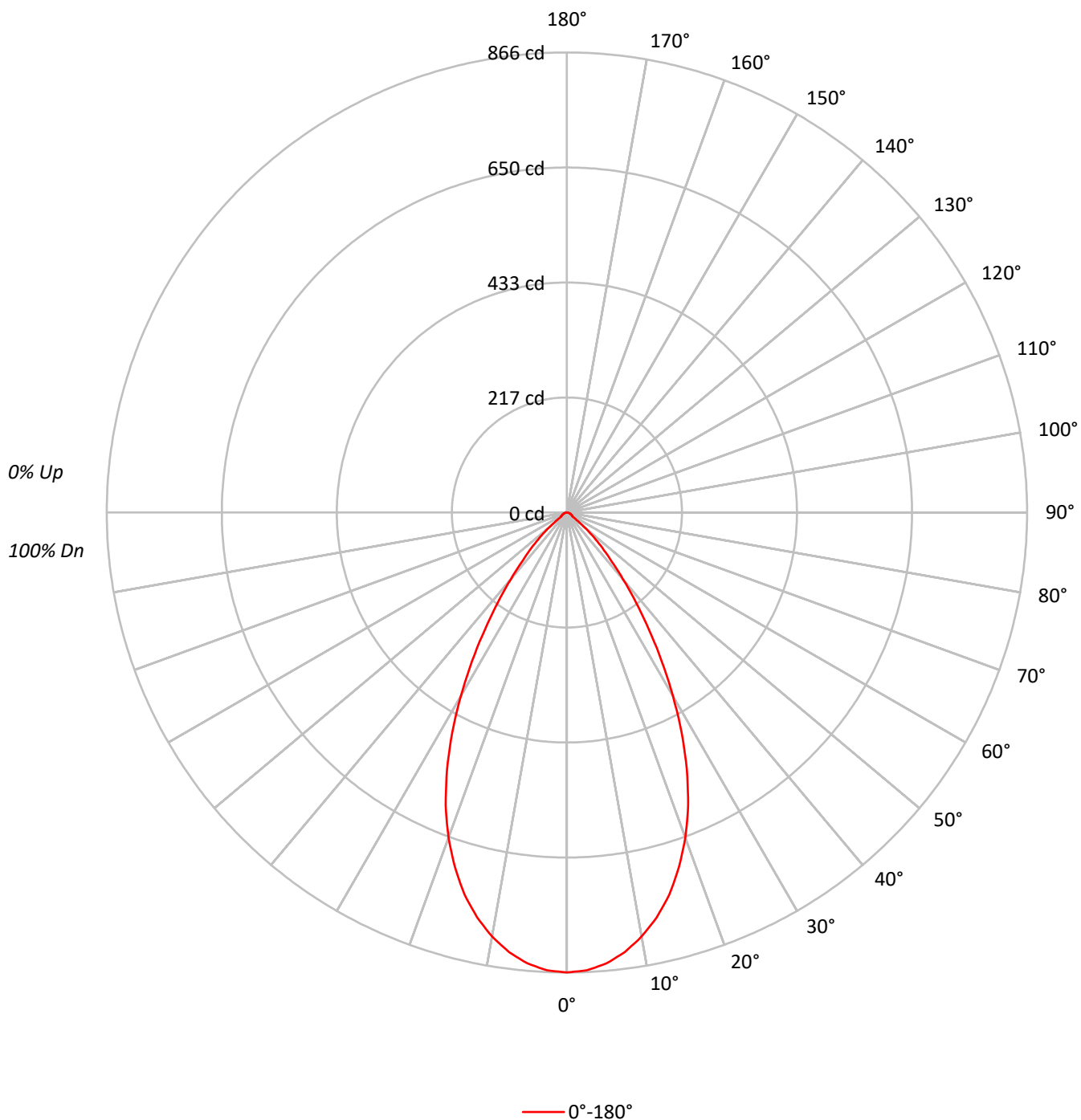
Lumens per Lamp: N/A
Luminaire Lumens: 805.0 lumens
Efficiency: N/A
Efficacy: 28.0 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	189853
5°	187563
10°	180446
15°	169036
20°	152030
25°	129104
30°	100978
35°	71956
40°	47088
45°	29119
50°	14771
55°	5199
60°	4561
65°	4566
70°	4103
75°	4067
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29119 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.0	9.9
10°-20°	207.2	25.7
20°-30°	242.2	30.1
30°-40°	169.2	21.0
40°-50°	74.5	9.3
50°-60°	16.6	2.1
60°-70°	8.4	1.0
70°-80°	5.1	0.6
80°-90°	1.7	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°	529.4	65.8
0°-40°	698.7	86.8
0°-60°	789.7	98.1
0°-90°	805.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	805.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	866	
5°	852	80
15°	745	207
25°	534	242
35°	269	169
45°	94	75
55°	14	17
65°	9	8
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	865.8
2.5°	862.5
5°	852.1
7.5°	834.5
10°	810.4
12.5°	780.7
15°	744.6
17.5°	700.5
20°	651.5
22.5°	596.2
25°	533.6
27.5°	467.8
30°	398.8
32.5°	332.2
35°	268.8
37.5°	213.4
40°	164.5
42.5°	124.4
45°	93.9
47.5°	69.0
50°	43.3
52.5°	22.5
55°	13.6
57.5°	12.0
60°	10.4
62.5°	9.6
65°	8.8
67.5°	7.2
70°	6.4
72.5°	5.6
75°	4.8
77.5°	4.0
80°	3.2
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)