

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: P1270745

Luminaire Tested: P3A20R659740D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270745
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 E3DL1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

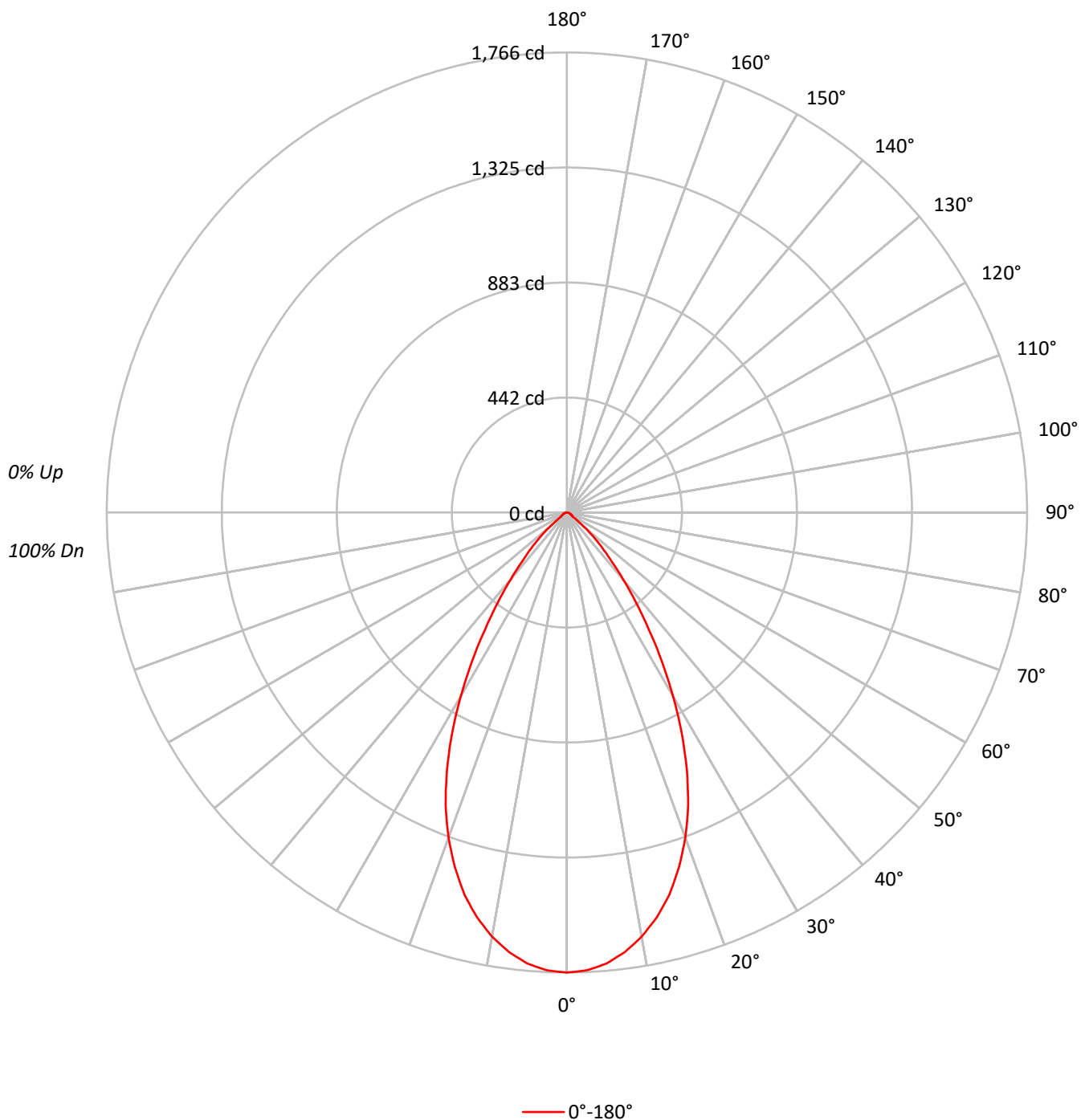
Lumens per Lamp: N/A
Luminaire Lumens: 1642.0 lumens
Efficiency: N/A
Efficacy: 57.0 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	387228
5°	382588
10°	368063
15°	344792
20°	310104
25°	263338
30°	205956
35°	146776
40°	96037
45°	59386
50°	30157
55°	10628
60°	9341
65°	9340
70°	8399
75°	8303
80°	8208
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 59386 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.2	9.9
10°-20°	422.7	25.7
20°-30°	494.0	30.1
30°-40°	345.2	21.0
40°-50°	151.9	9.3
50°-60°	33.8	2.1
60°-70°	17.2	1.0
70°-80°	10.4	0.6
80°-90°	3.6	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°	1079.9	65.8
0°-40°	1425.1	86.8
0°-60°	1610.9	98.1
0°-90°	1642.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1642.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1766	
5°	1738	163
15°	1519	423
25°	1088	494
35°	548	345
45°	192	152
55°	28	34
65°	18	17
75°	10	10
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1765.9
2.5°	1759.4
5°	1738.1
7.5°	1702.1
10°	1653.0
12.5°	1592.4
15°	1518.8
17.5°	1428.8
20°	1328.9
22.5°	1216.0
25°	1088.4
27.5°	954.2
30°	813.4
32.5°	677.6
35°	548.3
37.5°	435.3
40°	335.5
42.5°	253.7
45°	191.5
47.5°	140.7
50°	88.4
52.5°	45.8
55°	27.8
57.5°	24.5
60°	21.3
62.5°	19.6
65°	18.0
67.5°	14.7
70°	13.1
72.5°	11.5
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)