

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: P1265993

Luminaire Tested: P3A20R659730D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265993
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R659730D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

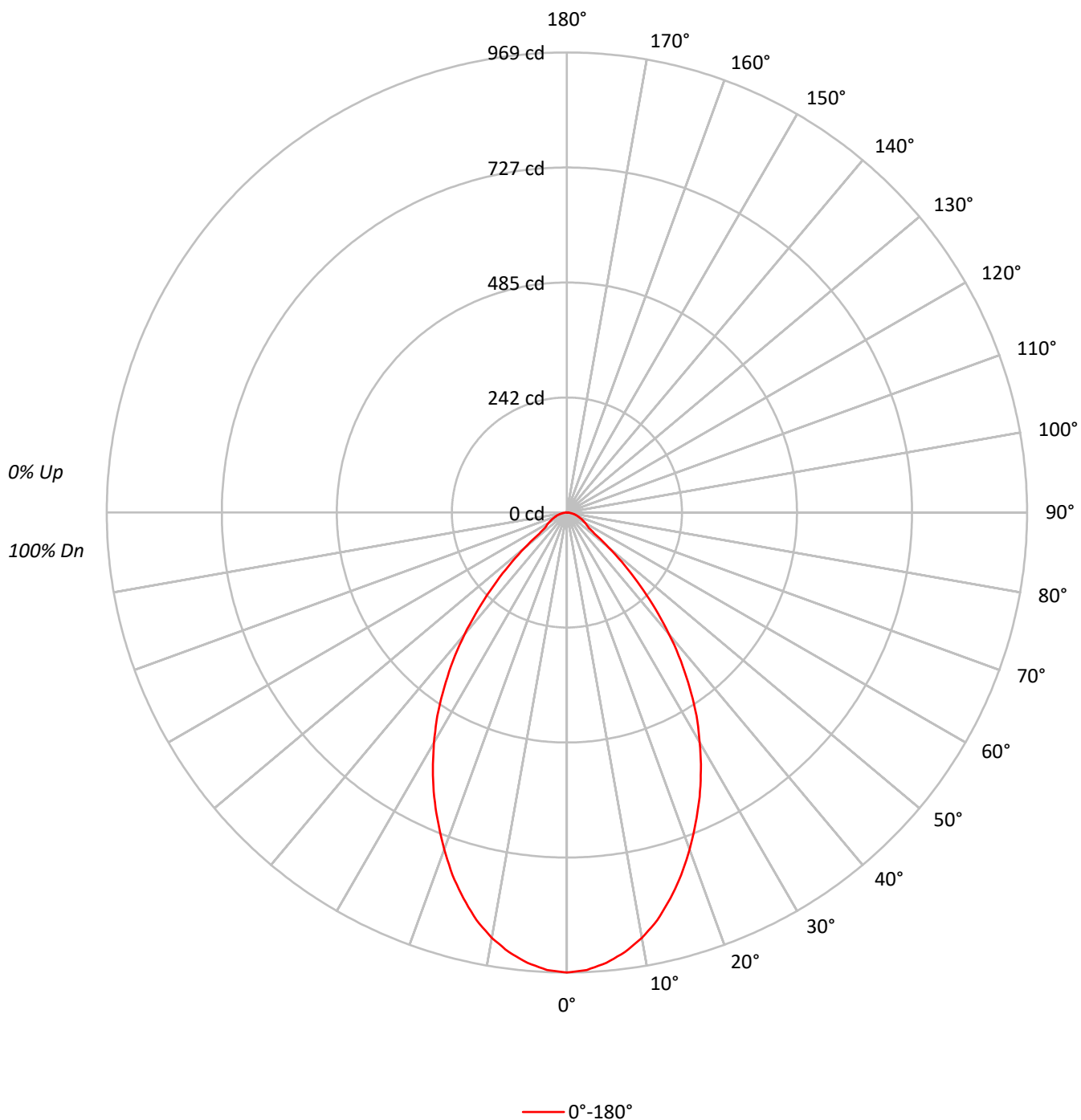
Lumens per Lamp: N/A
Luminaire Lumens: 1194.0 lumens
Efficiency: N/A
Efficacy: 41.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1265993

CATALOG NUMBER: P3A20R659730D010 E3DLD1MW

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	212483
5°	209619
10°	202579
15°	191057
20°	176229
25°	159953
30°	141667
35°	120569
40°	95923
45°	67728
50°	39299
55°	21447
60°	19955
65°	18108
70°	16541
75°	15420
80°	13386
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 67728 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.6	7.5
10°-20°	235.5	19.7
20°-30°	302.6	25.3
30°-40°	279.9	23.4
40°-50°	169.0	14.2
50°-60°	57.6	4.8
60°-70°	34.7	2.9
70°-80°	19.6	1.6
80°-90°	5.6	0.5
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°	627.6	52.6
0°-40°	907.5	76.0
0°-60°	1134.2	95.0
0°-90°	1194.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1194.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	969	
5°	952	90
15°	842	235
25°	661	303
35°	450	280
45°	218	169
55°	56	58
65°	35	35
75°	18	20
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	969.0
2.5°	964.4
5°	952.3
7.5°	934.1
10°	909.8
12.5°	879.5
15°	841.6
17.5°	800.7
20°	755.2
22.5°	708.2
25°	661.1
27.5°	611.1
30°	559.5
32.5°	508.0
35°	450.4
37.5°	394.3
40°	335.1
42.5°	276.0
45°	218.4
47.5°	165.3
50°	115.2
52.5°	72.8
55°	56.1
57.5°	50.0
60°	45.5
62.5°	39.4
65°	34.9
67.5°	30.3
70°	25.8
72.5°	22.7
75°	18.2
77.5°	15.2
80°	10.6
82.5°	7.6
85°	4.5
87.5°	3.0
90°	0.0

(END OF REPORT)