

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: P1268374

Luminaire Tested: P3A20R659735D010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268374
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: P3A20R659735D010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

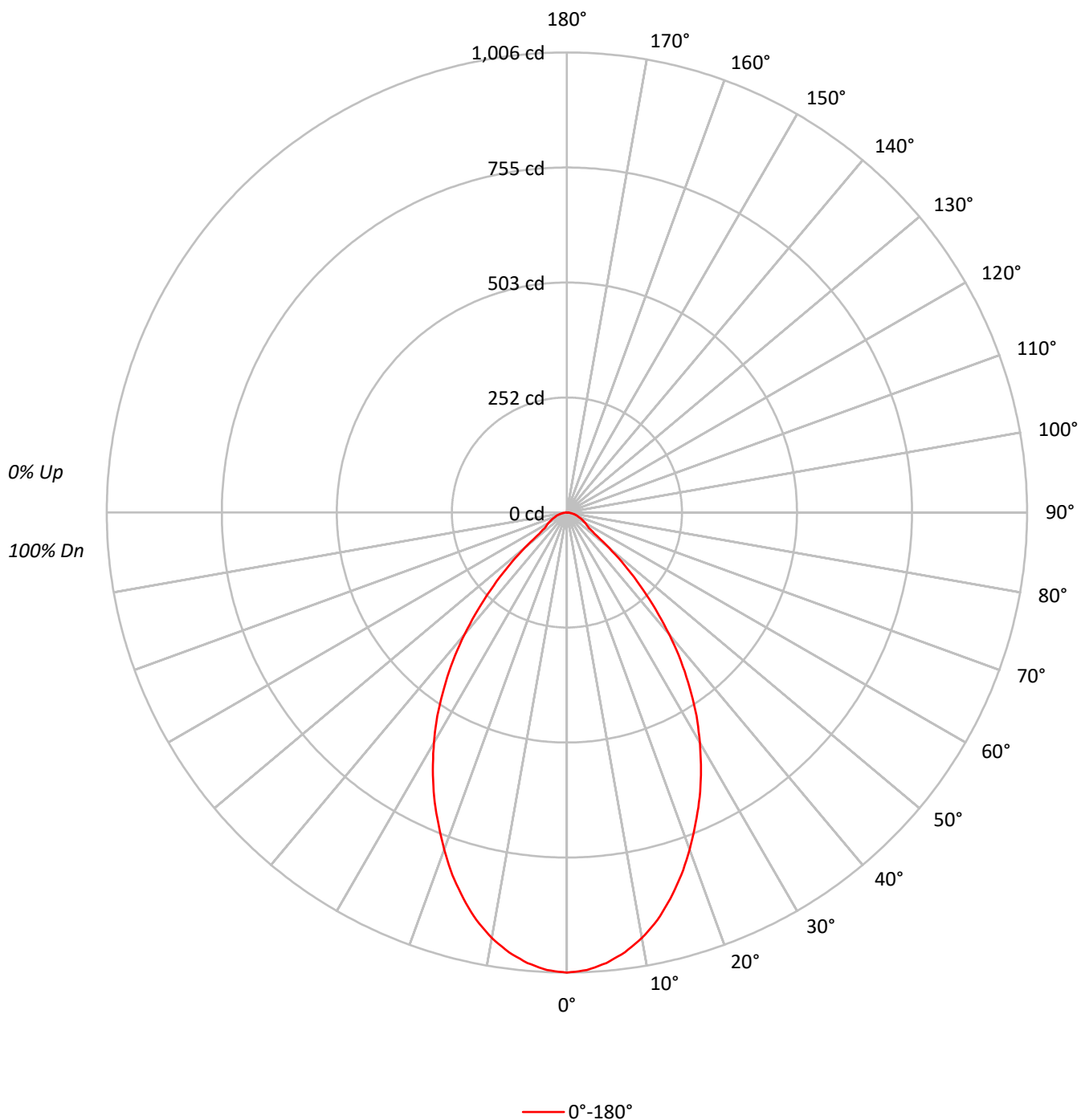
Lumens per Lamp: N/A
Luminaire Lumens: 1240.0 lumens
Efficiency: N/A
Efficacy: 43.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1268374

CATALOG NUMBER: P3A20R659735D010 E3DLD1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1268374

CATALOG NUMBER: P3A20R659735D010 E3DLD1WMH

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°	220662
5°	217697
10°	210395
15°	198412
20°	183019
25°	166122
30°	147137
35°	125200
40°	99615
45°	70333
50°	40834
55°	22288
60°	20700
65°	18783
70°	17182
75°	16013
80°	13891
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 70333 cd/sqm

TEST NUMBER: P1268374

CATALOG NUMBER: P3A20R659735D010 E3DLD1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.0	7.5
10°-20°	244.5	19.7
20°-30°	314.3	25.3
30°-40°	290.7	23.4
40°-50°	175.5	14.2
50°-60°	59.9	4.8
60°-70°	36.0	2.9
70°-80°	20.3	1.6
80°-90°	5.8	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°	651.8	52.6
0°-40°	942.5	76.0
0°-60°	1177.9	95.0
0°-90°	1240.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1240.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1006	
5°	989	93
15°	874	245
25°	687	314
35°	468	291
45°	227	175
55°	58	60
65°	36	36
75°	19	20
85°	5	6
90°	0	

TEST NUMBER: P1268374

CATALOG NUMBER: P3A20R659735D010 E3DLD1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1006.3
2.5°	1001.6
5°	989.0
7.5°	970.1
10°	944.9
12.5°	913.4
15°	874.0
17.5°	831.5
20°	784.3
22.5°	735.4
25°	686.6
27.5°	634.7
30°	581.1
32.5°	527.6
35°	467.7
37.5°	409.5
40°	348.0
42.5°	286.6
45°	226.8
47.5°	171.7
50°	119.7
52.5°	75.6
55°	58.3
57.5°	52.0
60°	47.2
62.5°	40.9
65°	36.2
67.5°	31.5
70°	26.8
72.5°	23.6
75°	18.9
77.5°	15.7
80°	11.0
82.5°	7.9
85°	4.7
87.5°	3.1
90°	0.0

(END OF REPORT)