

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: P1270518

Luminaire Tested: P3A20R259740D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270518
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259740D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

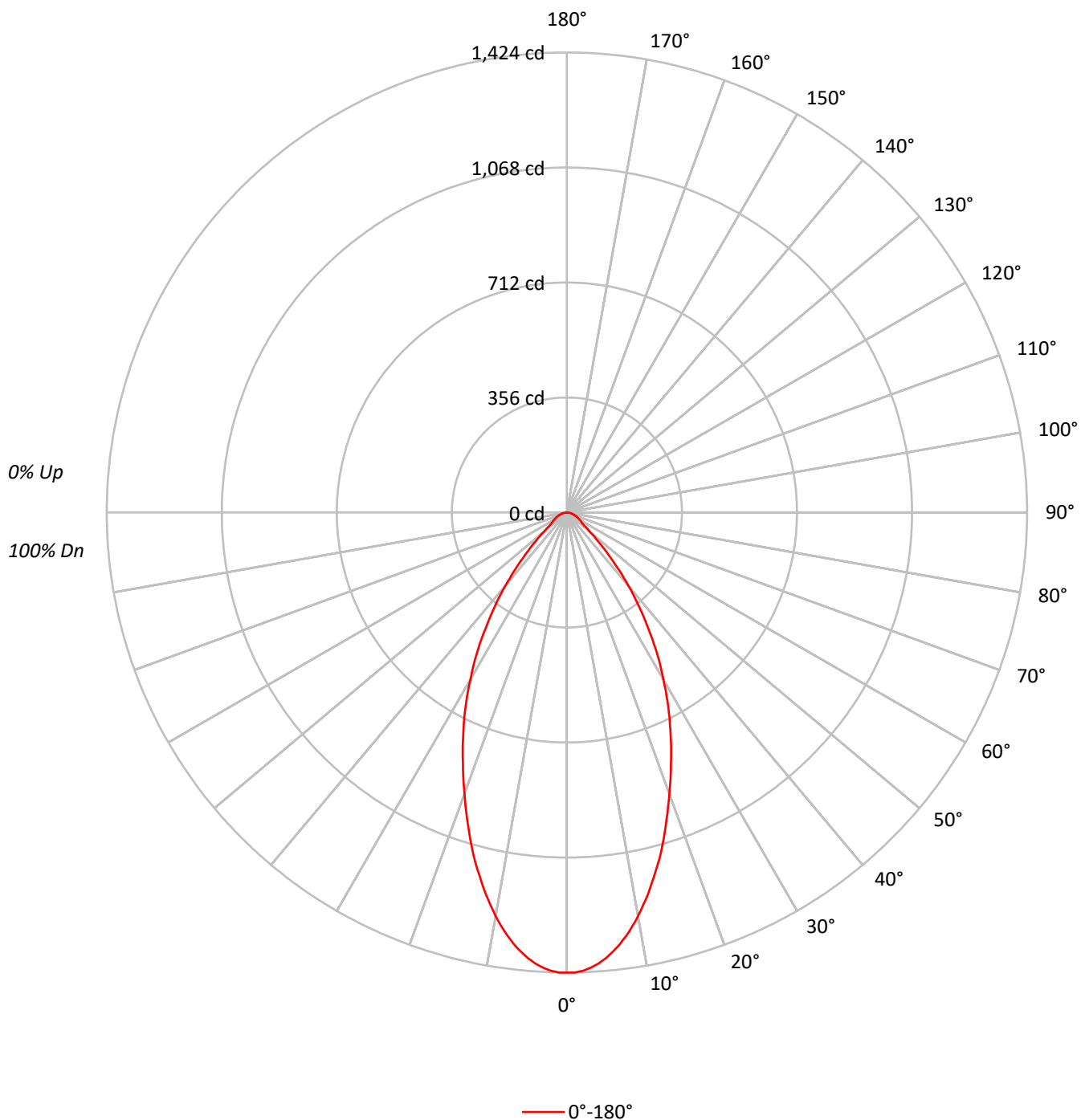
Lumens per Lamp: N/A
Luminaire Lumens: 1314.0 lumens
Efficiency: N/A
Efficacy: 45.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270518

CATALOG NUMBER: P3A20R259740D010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1270518

CATALOG NUMBER: P3A20R259740D010 E3DLD1MW

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	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	312300
5°	304842
10°	282493
15°	251579
20°	216202
25°	183785
30°	151289
35°	117865
40°	84816
45°	53804
50°	31828
55°	21906
60°	20086
65°	18679
70°	16798
75°	15250
80°	14522
85°	12328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 53804 cd/sqm

TEST NUMBER: P1270518

CATALOG NUMBER: P3A20R259740D010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.4	9.8
10°-20°	307.7	23.4
20°-30°	347.6	26.5
30°-40°	275.0	20.9
40°-50°	138.9	10.6
50°-60°	55.6	4.2
60°-70°	35.6	2.7
70°-80°	19.6	1.5
80°-90°	5.6	0.4
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°	783.7	59.6
0°-40°	1058.7	80.6
0°-60°	1253.2	95.4
0°-90°	1314.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1314.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1424	
5°	1385	128
15°	1108	308
25°	760	348
35°	440	275
45°	174	139
55°	57	56
65°	36	36
75°	18	20
85°	5	6
90°	0	

TEST NUMBER: P1270518

CATALOG NUMBER: P3A20R259740D010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1424.2
1°	1424.2
2°	1419.3
3°	1411.1
4°	1399.6
5°	1384.9
6°	1366.9
7°	1345.6
8°	1322.7
9°	1296.5
10°	1268.7
11°	1237.5
12°	1208.1
13°	1173.7
14°	1141.0
15°	1108.2
17.5°	1016.6
20°	926.5
22.5°	841.4
25°	759.6
27.5°	679.3
30°	597.5
32.5°	520.6
35°	440.3
37.5°	366.7
40°	296.3
42.5°	230.8
45°	173.5
47.5°	129.3
50°	93.3
52.5°	70.4
55°	57.3
57.5°	52.4
60°	45.8
62.5°	40.9
65°	36.0
67.5°	31.1
70°	26.2
72.5°	22.9
75°	18.0
77.5°	14.7
80°	11.5
82.5°	8.2
85°	4.9
87.5°	1.6



TEST NUMBER: P1270518

CATALOG NUMBER: P3A20R259740D010 E3DLD1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)