

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: P1265820

Luminaire Tested: P3A20R359730D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265820
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R359730D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

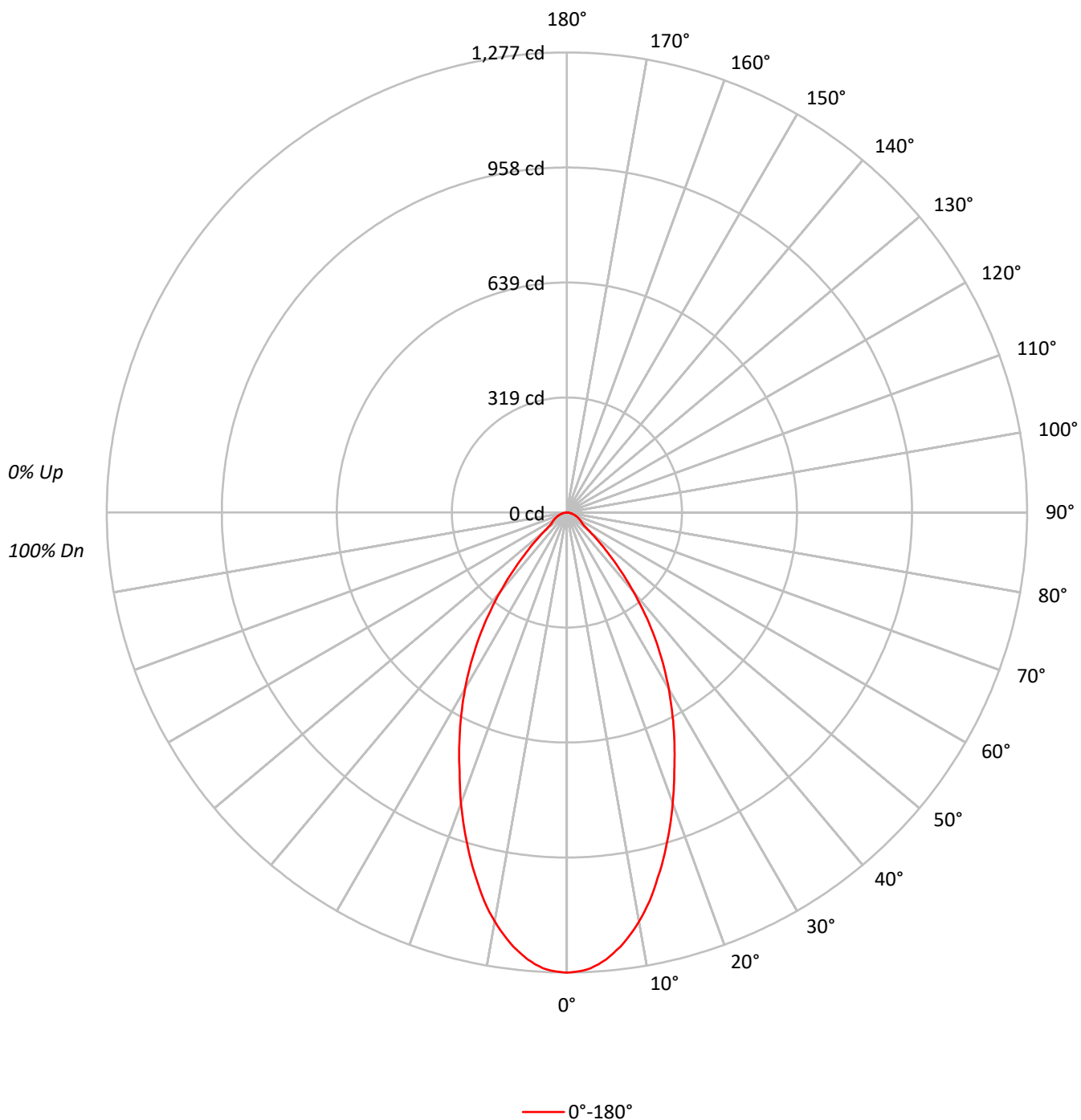
Lumens per Lamp: N/A
Luminaire Lumens: 1226.0 lumens
Efficiency: N/A
Efficacy: 42.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	280065
5°	274113
10°	256709
15°	230444
20°	200451
25°	170816
30°	143085
35°	113957
40°	82412
45°	52160
50°	28417
55°	19689
60°	18595
65°	17278
70°	16541
75°	14149
80°	13386
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 52160 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.9	9.5
10°-20°	282.5	23.0
20°-30°	323.7	26.4
30°-40°	264.1	21.5
40°-50°	133.2	10.9
50°-60°	49.5	4.0
60°-70°	33.2	2.7
70°-80°	18.4	1.5
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°	722.1	58.9
0°-40°	986.2	80.4
0°-60°	1168.9	95.3
0°-90°	1226.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1226.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1277	
5°	1245	116
15°	1015	282
25°	706	324
35°	426	264
45°	168	133
55°	52	49
65°	33	33
75°	17	18
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1277.2
1°	1275.6
2°	1272.6
3°	1266.5
4°	1257.5
5°	1245.3
6°	1230.2
7°	1215.0
8°	1195.3
9°	1175.6
10°	1152.9
11°	1128.7
12°	1102.9
13°	1074.1
14°	1043.8
15°	1015.1
17.5°	937.8
20°	859.0
22.5°	778.7
25°	706.0
27.5°	634.8
30°	565.1
32.5°	495.4
35°	425.7
37.5°	356.0
40°	287.9
42.5°	224.2
45°	168.2
47.5°	121.2
50°	83.3
52.5°	60.6
55°	51.5
57.5°	47.0
60°	42.4
62.5°	37.9
65°	33.3
67.5°	28.8
70°	25.8
72.5°	21.2
75°	16.7
77.5°	13.6
80°	10.6
82.5°	7.6
85°	4.5
87.5°	3.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)