

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: P1263441

Luminaire Tested: P3A20R359727D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263441
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: P3A20R359727D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

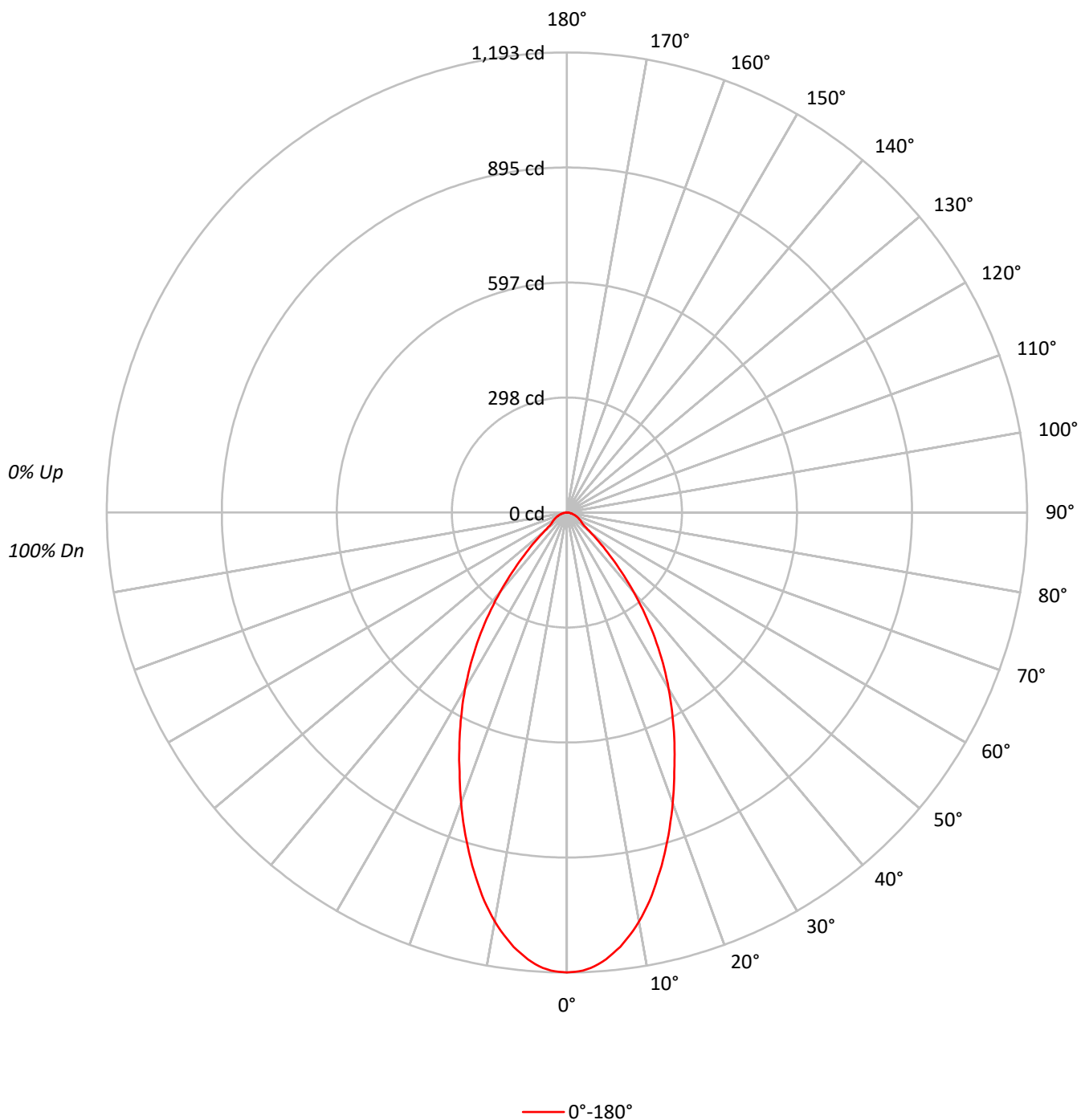
Lumens per Lamp: N/A
Luminaire Lumens: 1145.0 lumens
Efficiency: N/A
Efficacy: 39.8 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	261558
5°	256020
10°	239764
15°	215211
20°	187220
25°	159541
30°	133641
35°	106434
40°	76944
45°	48718
50°	26541
55°	18389
60°	17367
65°	16137
70°	15451
75°	13217
80°	12502
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48718 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.2	9.5
10°-20°	263.8	23.0
20°-30°	302.3	26.4
30°-40°	246.7	21.5
40°-50°	124.4	10.9
50°-60°	46.2	4.0
60°-70°	31.0	2.7
70°-80°	17.2	1.5
80°-90°	5.2	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°	674.4	58.9
0°-40°	921.1	80.4
0°-60°	1091.7	95.3
0°-90°	1145.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1145.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1193	
5°	1163	108
15°	948	264
25°	659	302
35°	398	247
45°	157	124
55°	48	46
65°	31	31
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1192.8
1°	1191.4
2°	1188.5
3°	1182.9
4°	1174.4
5°	1163.1
6°	1148.9
7°	1134.8
8°	1116.4
9°	1098.0
10°	1076.8
11°	1054.1
12°	1030.1
13°	1003.2
14°	974.9
15°	948.0
17.5°	875.8
20°	802.3
22.5°	727.3
25°	659.4
27.5°	592.8
30°	527.8
32.5°	462.7
35°	397.6
37.5°	332.5
40°	268.8
42.5°	209.4
45°	157.1
47.5°	113.2
50°	77.8
52.5°	56.6
55°	48.1
57.5°	43.9
60°	39.6
62.5°	35.4
65°	31.1
67.5°	26.9
70°	24.1
72.5°	19.8
75°	15.6
77.5°	12.7
80°	9.9
82.5°	7.1
85°	4.2
87.5°	2.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)