

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: P1265733

Luminaire Tested: P3A20R209730D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265733
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R209730D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

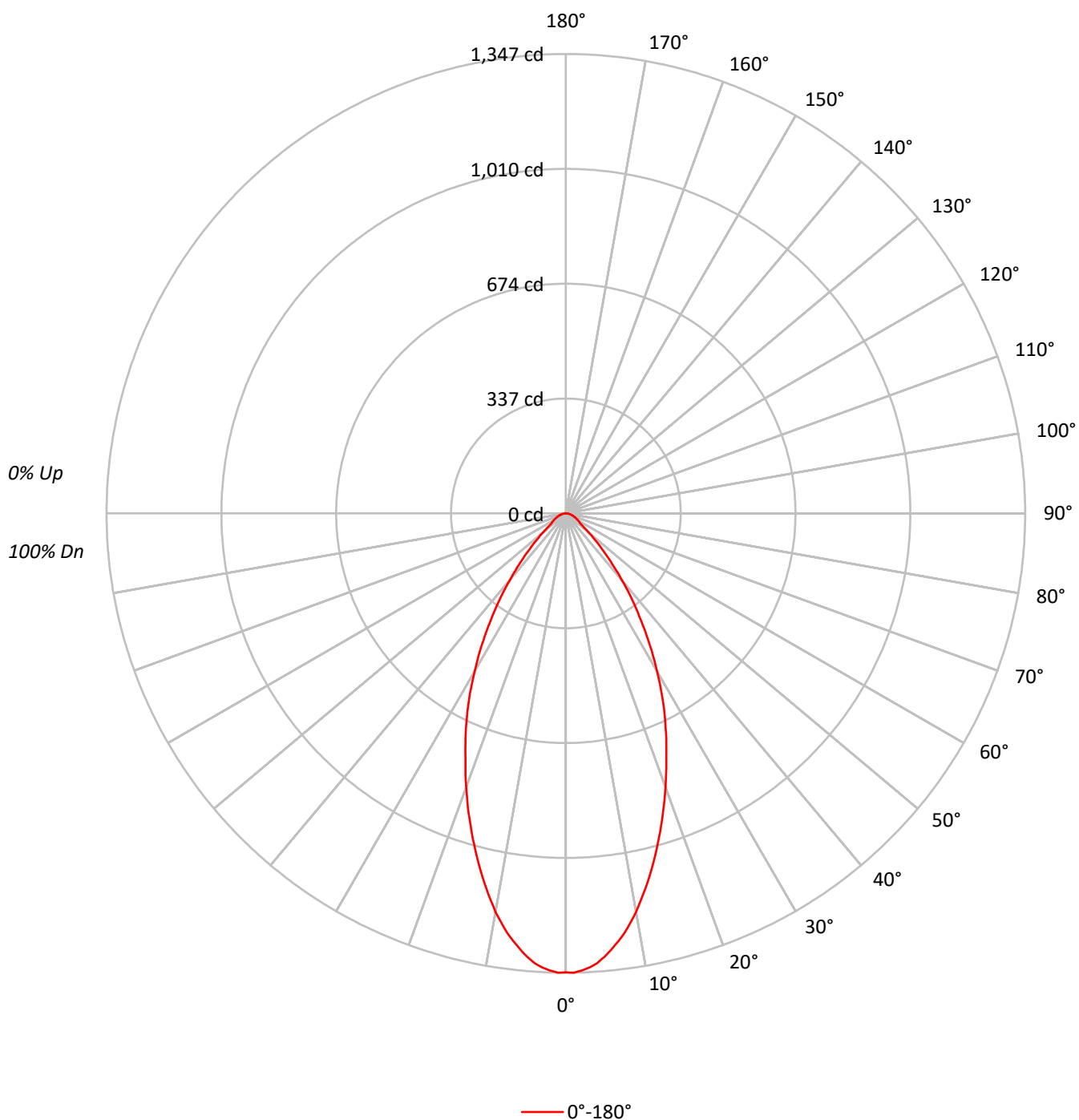
Lumens per Lamp: N/A
Luminaire Lumens: 1193.0 lumens
Efficiency: N/A
Efficacy: 41.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83		
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76		
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55		
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52		
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48		
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	295086
5°	287210
10°	264212
15°	232555
20°	199447
25°	167574
30°	135464
35°	103035
40°	73309
45°	48408
50°	29986
55°	19689
60°	17937
65°	16500
70°	15515
75°	14149
80°	13386
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48408 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.7	10.1
10°-20°	285.2	23.9
20°-30°	316.6	26.5
30°-40°	241.5	20.2
40°-50°	123.7	10.4
50°-60°	50.8	4.3
60°-70°	31.7	2.7
70°-80°	17.8	1.5
80°-90°	5.1	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°	722.5	60.6
0°-40°	964.0	80.8
0°-60°	1138.4	95.4
0°-90°	1193.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1193.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1346	
5°	1305	121
15°	1024	285
25°	693	317
35°	385	241
45°	156	124
55°	52	51
65°	32	32
75°	17	18
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1345.7
1°	1347.2
2°	1341.2
3°	1333.6
4°	1321.5
5°	1304.8
6°	1285.1
7°	1263.9
8°	1241.1
9°	1213.9
10°	1186.6
12.5°	1107.8
15°	1024.4
17.5°	939.6
20°	854.7
22.5°	769.8
25°	692.6
27.5°	615.3
30°	535.0
32.5°	459.2
35°	384.9
37.5°	319.8
40°	256.1
42.5°	201.6
45°	156.1
47.5°	118.2
50°	87.9
52.5°	65.2
55°	51.5
57.5°	47.0
60°	40.9
62.5°	36.4
65°	31.8
67.5°	27.3
70°	24.2
72.5°	19.7
75°	16.7
77.5°	13.6
80°	10.6
82.5°	7.6
85°	4.5
87.5°	1.5
90°	0.0

(END OF REPORT)