

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: P1274276

Luminaire Tested: P3A17R159830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274276
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R159830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

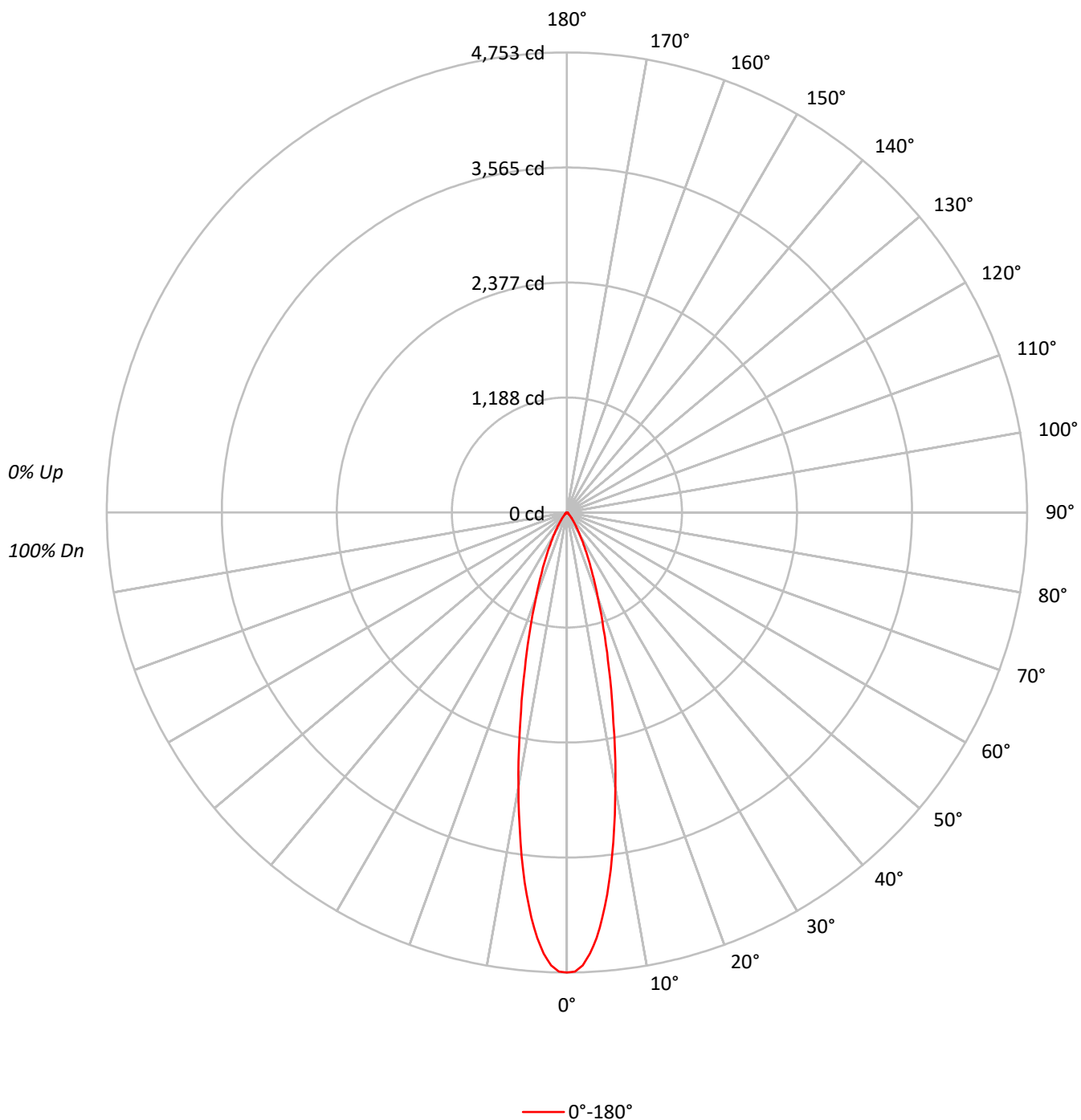
Lumens per Lamp: N/A
Luminaire Lumens: 1220.1 lumens
Efficiency: N/A
Efficacy: 59.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1042197
5°	925113
10°	642451
15°	379934
20°	216389
25°	123685
30°	68441
35°	36486
40°	20181
45°	10947
50°	6823
55°	5390
60°	4649
65°	4255
70°	3783
75°	3982
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10947 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	357.4	29.3
10°-20°	471.7	38.7
20°-30°	242.8	19.9
30°-40°	91.2	7.5
40°-50°	29.9	2.4
50°-60°	12.9	1.1
60°-70°	8.1	0.7
70°-80°	4.8	0.4
80°-90°	1.3	0.1
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°	1071.9	87.9
0°-40°	1163.1	95.3
0°-60°	1205.8	98.8
0°-90°	1220.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1220.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4753	
5°	4203	357
15°	1674	472
25°	511	243
35°	136	91
45°	35	30
55°	14	13
65°	8	8
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4752.8
1°	4743.4
2°	4681.1
3°	4562.4
4°	4406.1
5°	4202.8
6°	3972.4
7°	3719.7
8°	3438.9
9°	3161.5
10°	2885.3
12.5°	2220.1
15°	1673.6
17.5°	1252.8
20°	927.3
22.5°	692.2
25°	511.2
27.5°	372.6
30°	270.3
32.5°	191.6
35°	136.3
37.5°	97.5
40°	70.5
42.5°	50.5
45°	35.3
47.5°	25.9
50°	20.0
52.5°	16.5
55°	14.1
57.5°	11.8
60°	10.6
62.5°	9.4
65°	8.2
67.5°	7.1
70°	5.9
72.5°	5.9
75°	4.7
77.5°	3.5
80°	2.4
82.5°	2.4
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)