

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: P1273158

Luminaire Tested: P3A02R609830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273158
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R609830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

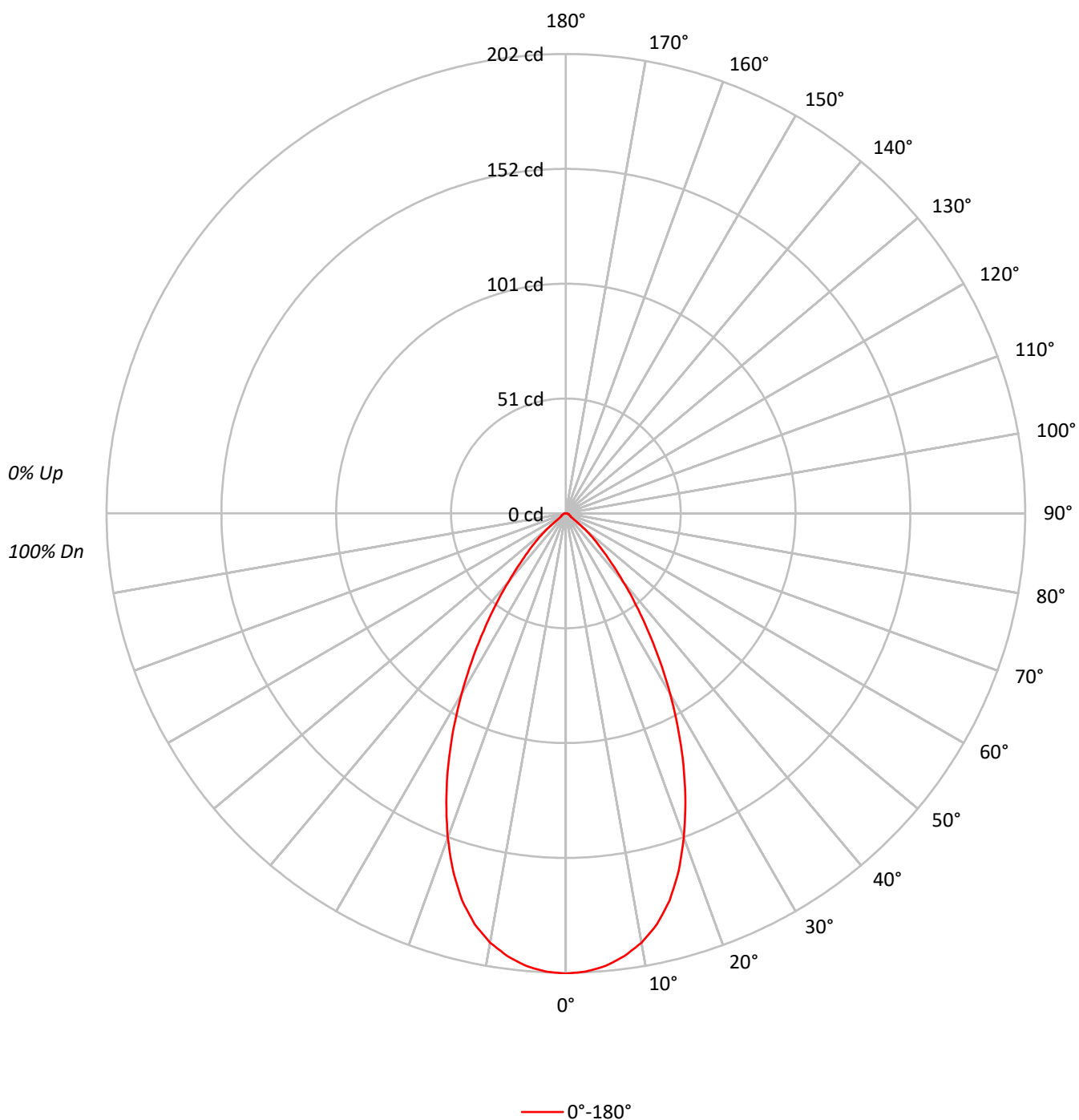
Lumens per Lamp: N/A
Luminaire Lumens: 188.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102			100
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87			85
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80			79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75			73
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69			68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64			63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	67	63	60			59
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56			55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53			51
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49			48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	44382
5°	43980
10°	42685
15°	40000
20°	35400
25°	29615
30°	23219
35°	16838
40°	11192
45°	6977
50°	3787
55°	1109
60°	1009
65°	934
70°	898
75°	932
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6977 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.8	10.0
10°-20°	48.9	26.0
20°-30°	55.7	29.6
30°-40°	39.5	21.0
40°-50°	17.9	9.5
50°-60°	3.8	2.0
60°-70°	1.8	1.0
70°-80°	1.1	0.6
80°-90°	0.4	0.2
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°	123.4	65.6
0°-40°	162.9	86.6
0°-60°	184.7	98.2
0°-90°	188.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	188.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	202	
5°	200	19
15°	176	49
25°	122	56
35°	63	40
45°	22	18
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	202.4
2.5°	201.7
5°	199.8
7.5°	196.4
10°	191.7
12.5°	185.1
15°	176.2
17.5°	164.9
20°	151.7
22.5°	137.4
25°	122.4
27.5°	107.0
30°	91.7
32.5°	77.0
35°	62.9
37.5°	50.4
40°	39.1
42.5°	29.7
45°	22.5
47.5°	16.8
50°	11.1
52.5°	5.2
55°	2.9
57.5°	2.5
60°	2.3
62.5°	2.1
65°	1.8
67.5°	1.6
70°	1.4
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)