

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: P1273494

Luminaire Tested: P3A05R609830DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273494
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R609830DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

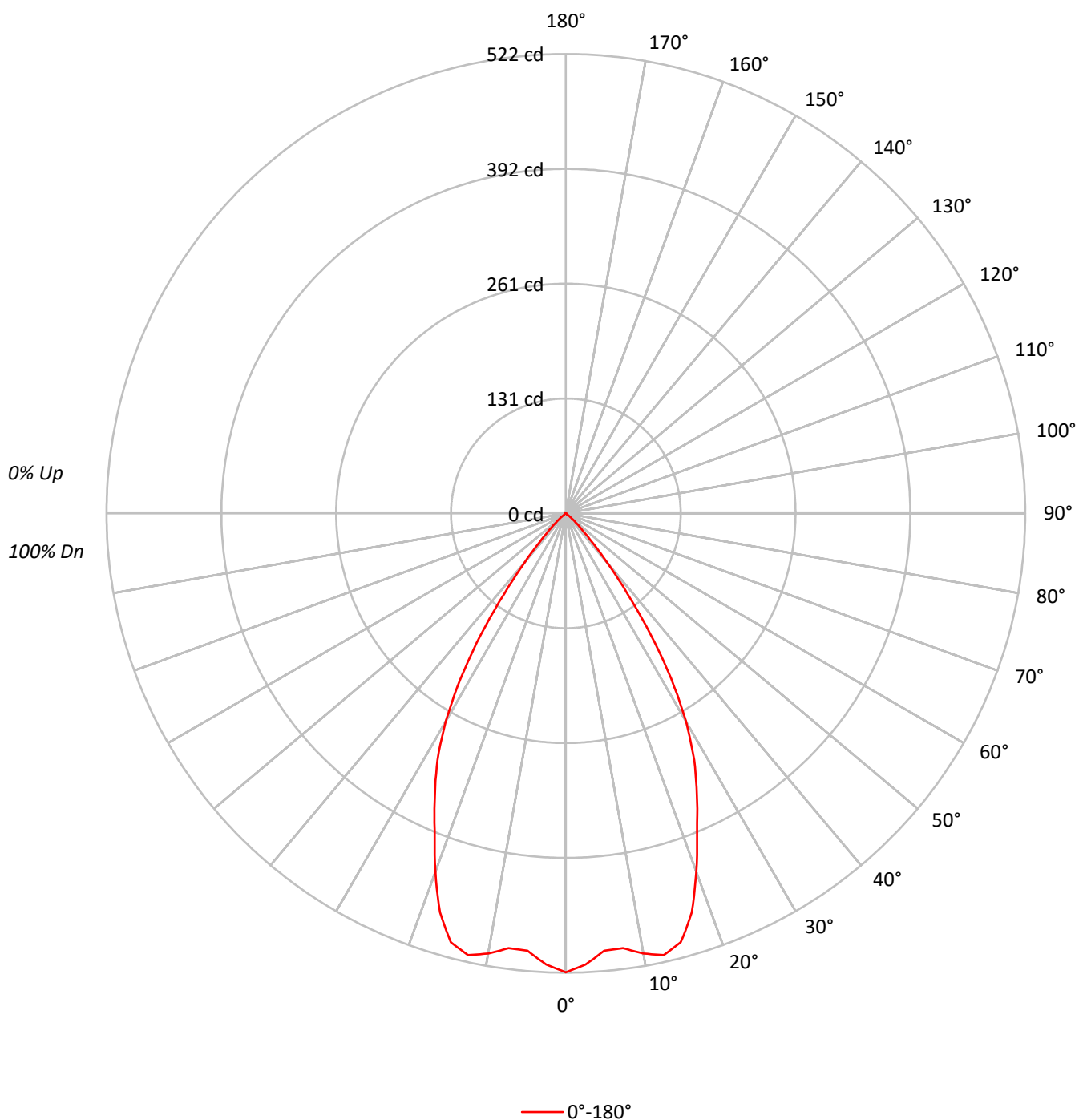
Lumens per Lamp: N/A
Luminaire Lumens: 479.0 lumens
Efficiency: N/A
Efficacy: 66.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	108	106		111	109	106	104		105	103	101		101	100	98		97	96	95
2	108	103	99	96		106	102	98	95		98	95	93		95	93	91		93	91	89
3	103	96	91	88		101	95	90	87		92	89	85		90	87	84		88	85	83
4	98	90	85	81		96	89	84	80		87	83	79		85	81	78		83	80	77
5	93	84	79	74		91	84	78	74		82	77	73		80	76	73		79	75	72
6	88	79	73	69		87	79	73	69		77	72	68		76	71	68		74	70	68
7	84	75	69	64		82	74	68	64		73	68	64		71	67	64		70	66	63
8	80	70	64	60		78	70	64	60		69	64	60		68	63	60		67	62	59
9	76	66	61	57		75	66	60	56		65	60	56		64	59	56		63	59	56
10	72	63	57	53		71	62	57	53		62	56	53		61	56	53		60	56	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	114377
5°	109839
10°	113091
15°	114552
20°	101159
25°	85239
30°	69125
35°	45026
40°	20667
45°	7939
50°	2661
55°	726
60°	658
65°	571
70°	449
75°	593
80°	505
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7939 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.0	10.0
10°-20°	138.2	28.8
20°-30°	161.2	33.6
30°-40°	104.0	21.7
40°-50°	23.3	4.9
50°-60°	2.3	0.5
60°-70°	1.1	0.2
70°-80°	0.6	0.1
80°-90°	0.3	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°	347.4	72.5
0°-40°	451.4	94.2
0°-60°	477.0	99.6
0°-90°	479.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	479.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	522	
5°	499	48
15°	505	138
25°	352	161
35°	168	104
45°	26	23
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	521.6
2.5°	513.1
5°	499.0
7.5°	498.3
10°	507.9
12.5°	514.2
15°	504.6
17.5°	475.7
20°	433.5
22.5°	389.4
25°	352.3
27.5°	316.0
30°	273.0
32.5°	222.7
35°	168.2
37.5°	114.8
40°	72.2
42.5°	43.3
45°	25.6
47.5°	14.8
50°	7.8
52.5°	2.6
55°	1.9
57.5°	1.5
60°	1.5
62.5°	1.1
65°	1.1
67.5°	1.1
70°	0.7
72.5°	0.7
75°	0.7
77.5°	0.4
80°	0.4
82.5°	0.4
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)