

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: P1268923

Luminaire Tested: P3A05R129740DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268923
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R129740DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

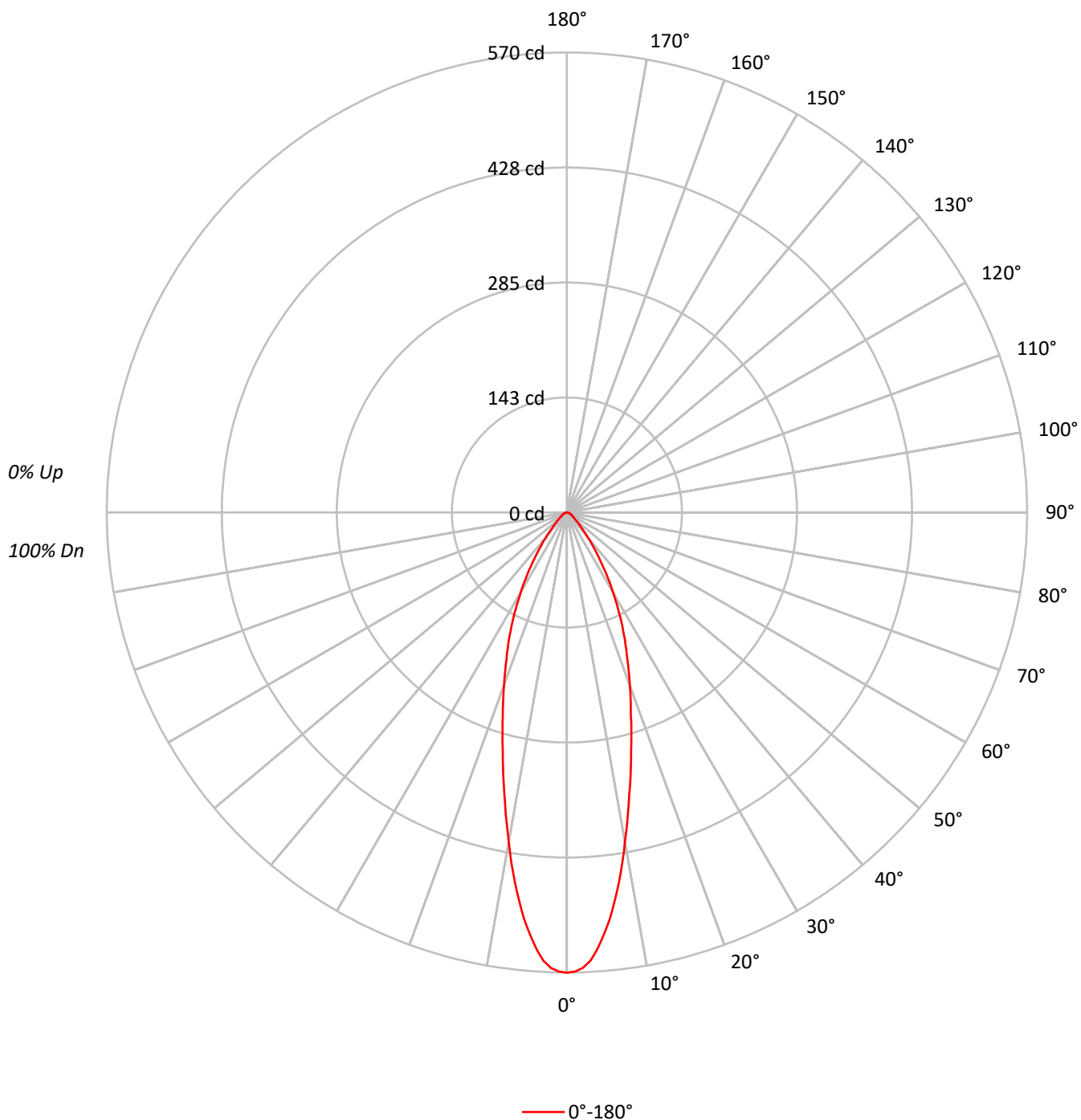
Lumens per Lamp: N/A
Luminaire Lumens: 290.0 lumens
Efficiency: N/A
Efficacy: 38.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.6
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				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	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	125056
5°	115584
10°	92272
15°	69694
20°	53088
25°	40454
30°	28966
35°	18899
40°	11593
45°	7008
50°	4674
55°	3594
60°	3114
65°	2698
70°	2436
75°	2372
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7008 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.5	16.0
10°-20°	85.8	29.6
20°-30°	76.4	26.3
30°-40°	45.2	15.6
40°-50°	18.5	6.4
50°-60°	8.7	3.0
60°-70°	5.3	1.8
70°-80°	2.8	1.0
80°-90°	0.7	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°	208.7	72.0
0°-40°	253.9	87.6
0°-60°	281.2	97.0
0°-90°	290.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	290.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	570	
5°	525	47
15°	307	86
25°	167	76
35°	71	45
45°	23	19
55°	9	9
65°	5	5
75°	3	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	570.3
1°	568.9
2°	564.6
3°	556.2
4°	542.0
5°	525.1
6°	506.7
7°	485.1
8°	462.5
9°	439.4
10°	414.4
12.5°	357.4
15°	307.0
17.5°	263.7
20°	227.5
22.5°	195.4
25°	167.2
27.5°	139.9
30°	114.4
32.5°	91.4
35°	70.6
37.5°	54.2
40°	40.5
42.5°	30.1
45°	22.6
47.5°	17.4
50°	13.7
52.5°	11.3
55°	9.4
57.5°	8.0
60°	7.1
62.5°	6.1
65°	5.2
67.5°	4.7
70°	3.8
72.5°	3.3
75°	2.8
77.5°	1.9
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)