

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: P1264921

Luminaire Tested: P3A10R129730DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264921
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: P3A10R129730DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

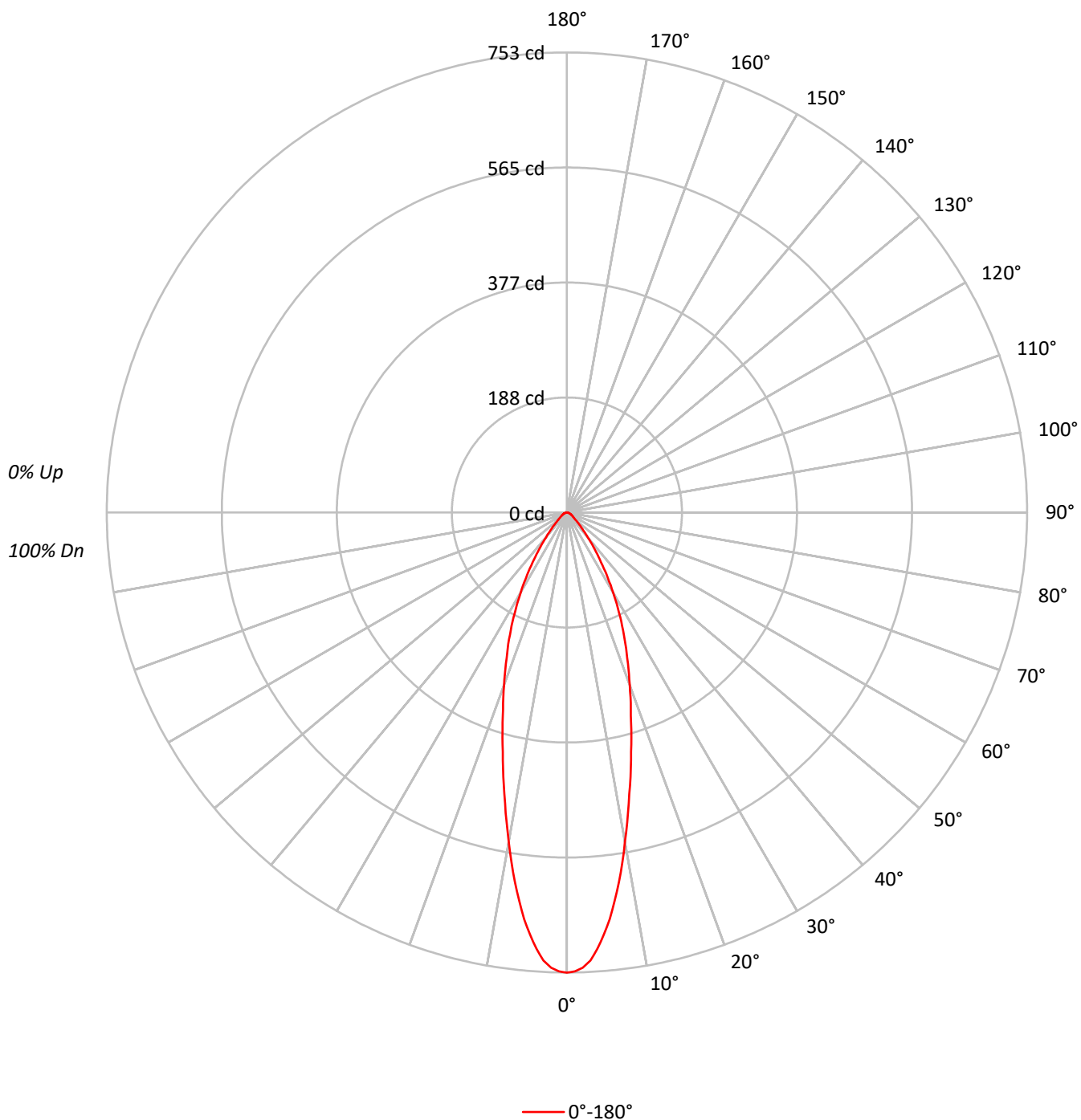
Lumens per Lamp: N/A
Luminaire Lumens: 383.0 lumens
Efficiency: N/A
Efficacy: 32.7 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	108	106		111	108	106	104		104	102	101		100	99	98		97	96	95
2	108	103	98	95		105	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	94	90	86		92	88	85		89	86	83		87	84	82
4	97	90	84	80		95	88	83	79		86	82	78		84	81	78		82	79	77
5	93	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		87	79	73	69		77	72	69		76	71	68		74	71	68
7	84	75	69	65		83	74	69	65		73	68	64		72	67	64		71	67	64
8	80	71	65	61		79	71	65	61		69	64	61		68	64	61		68	63	60
9	77	68	62	58		76	67	62	58		66	61	58		65	61	57		64	60	57
10	74	64	59	55		73	64	59	55		63	58	55		62	58	55		62	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	165162
5°	152652
10°	121864
15°	92055
20°	70099
25°	53422
30°	38259
35°	24976
40°	15314
45°	9272
50°	6141
55°	4741
60°	4079
65°	3528
70°	3206
75°	3135
80°	2399
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9272 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.4	16.0
10°-20°	113.3	29.6
20°-30°	100.9	26.3
30°-40°	59.7	15.6
40°-50°	24.5	6.4
50°-60°	11.5	3.0
60°-70°	7.0	1.8
70°-80°	3.7	1.0
80°-90°	0.9	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°	275.7	72.0
0°-40°	335.4	87.6
0°-60°	371.4	97.0
0°-90°	383.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	383.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	753	
5°	694	61
15°	406	113
25°	221	101
35°	93	60
45°	30	25
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	753.2
1°	751.3
2°	745.7
3°	734.5
4°	715.9
5°	693.5
6°	669.2
7°	640.6
8°	610.8
9°	580.3
10°	547.3
12.5°	472.1
15°	405.5
17.5°	348.3
20°	300.4
22.5°	258.1
25°	220.8
27.5°	184.7
30°	151.1
32.5°	120.7
35°	93.3
37.5°	71.5
40°	53.5
42.5°	39.8
45°	29.9
47.5°	23.0
50°	18.0
52.5°	14.9
55°	12.4
57.5°	10.6
60°	9.3
62.5°	8.1
65°	6.8
67.5°	6.2
70°	5.0
72.5°	4.4
75°	3.7
77.5°	2.5
80°	1.9
82.5°	1.2
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)