

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: P1245990

Luminaire Tested: P3A05R129024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245990
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R129024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

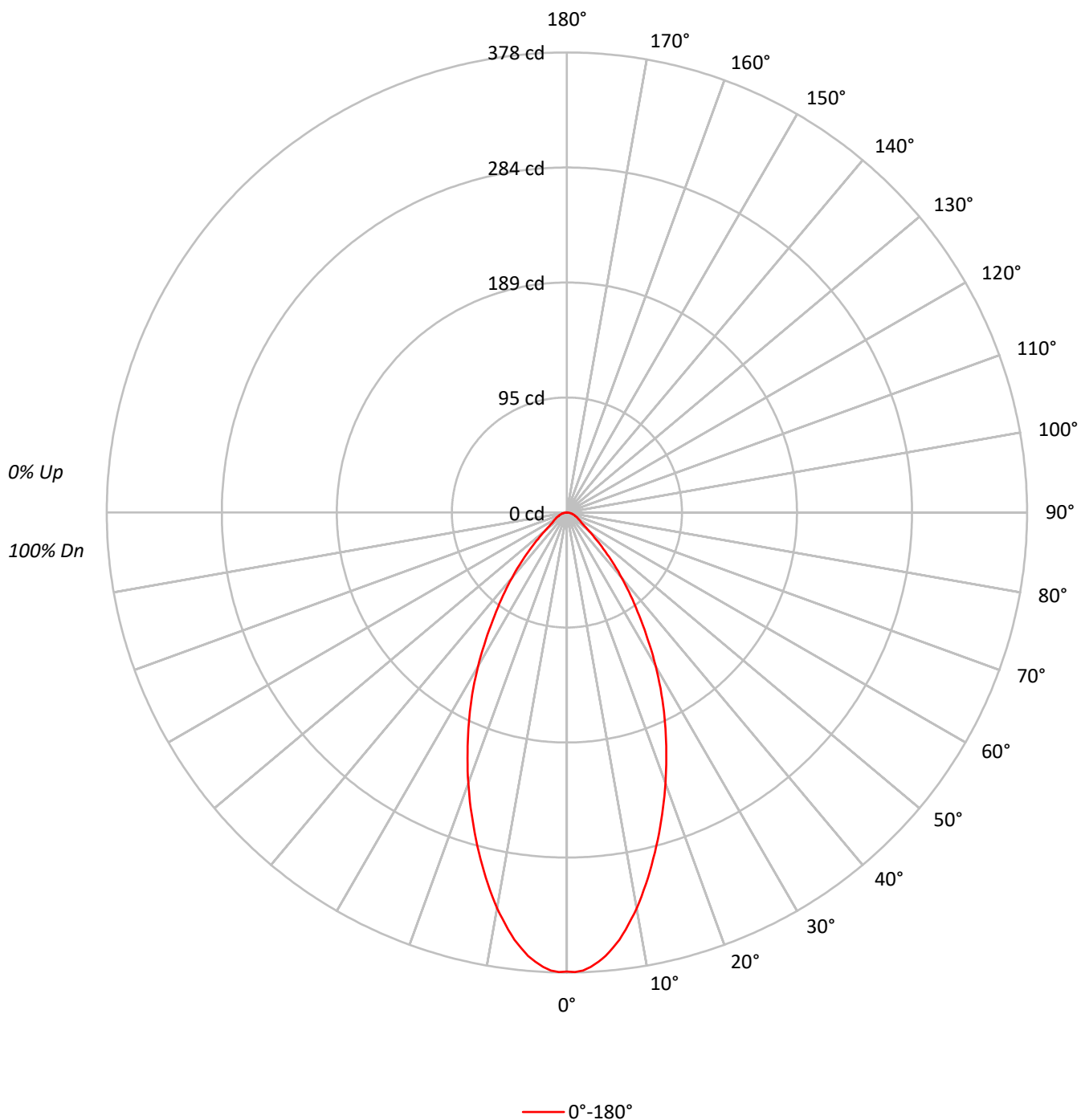
Lumens per Lamp: N/A
Luminaire Lumens: 328.0 lumens
Efficiency: N/A
Efficacy: 43.2 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	82735
5°	80497
10°	73546
15°	64427
20°	55258
25°	46140
30°	36917
35°	27706
40°	20095
45°	13149
50°	8221
55°	5543
60°	4912
65°	4514
70°	4231
75°	3897
80°	3662
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13149 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.7	10.3
10°-20°	79.1	24.1
20°-30°	87.1	26.6
30°-40°	65.2	19.9
40°-50°	33.8	10.3
50°-60°	14.0	4.3
60°-70°	8.7	2.6
70°-80°	4.9	1.5
80°-90°	1.4	0.4
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°	199.9	61.0
0°-40°	265.2	80.9
0°-60°	313.0	95.4
0°-90°	328.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	328.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	377	
5°	366	34
15°	284	79
25°	191	87
35°	104	65
45°	42	34
55°	14	14
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	377.3
1°	377.7
2°	376.5
3°	374.0
4°	370.2
5°	365.7
6°	359.8
7°	353.6
8°	346.1
9°	338.2
10°	330.3
12.5°	307.5
15°	283.8
17.5°	260.1
20°	236.8
22.5°	213.2
25°	190.7
27.5°	168.3
30°	145.8
32.5°	123.8
35°	103.5
37.5°	86.0
40°	70.2
42.5°	55.7
45°	42.4
47.5°	32.0
50°	24.1
52.5°	17.9
55°	14.5
57.5°	12.9
60°	11.2
62.5°	10.0
65°	8.7
67.5°	7.5
70°	6.6
72.5°	5.4
75°	4.6
77.5°	3.7
80°	2.9
82.5°	2.1
85°	1.2
87.5°	0.4
90°	0.0

(END OF REPORT)