

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: P1245986

Luminaire Tested: P3A05R129024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245986
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R129024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

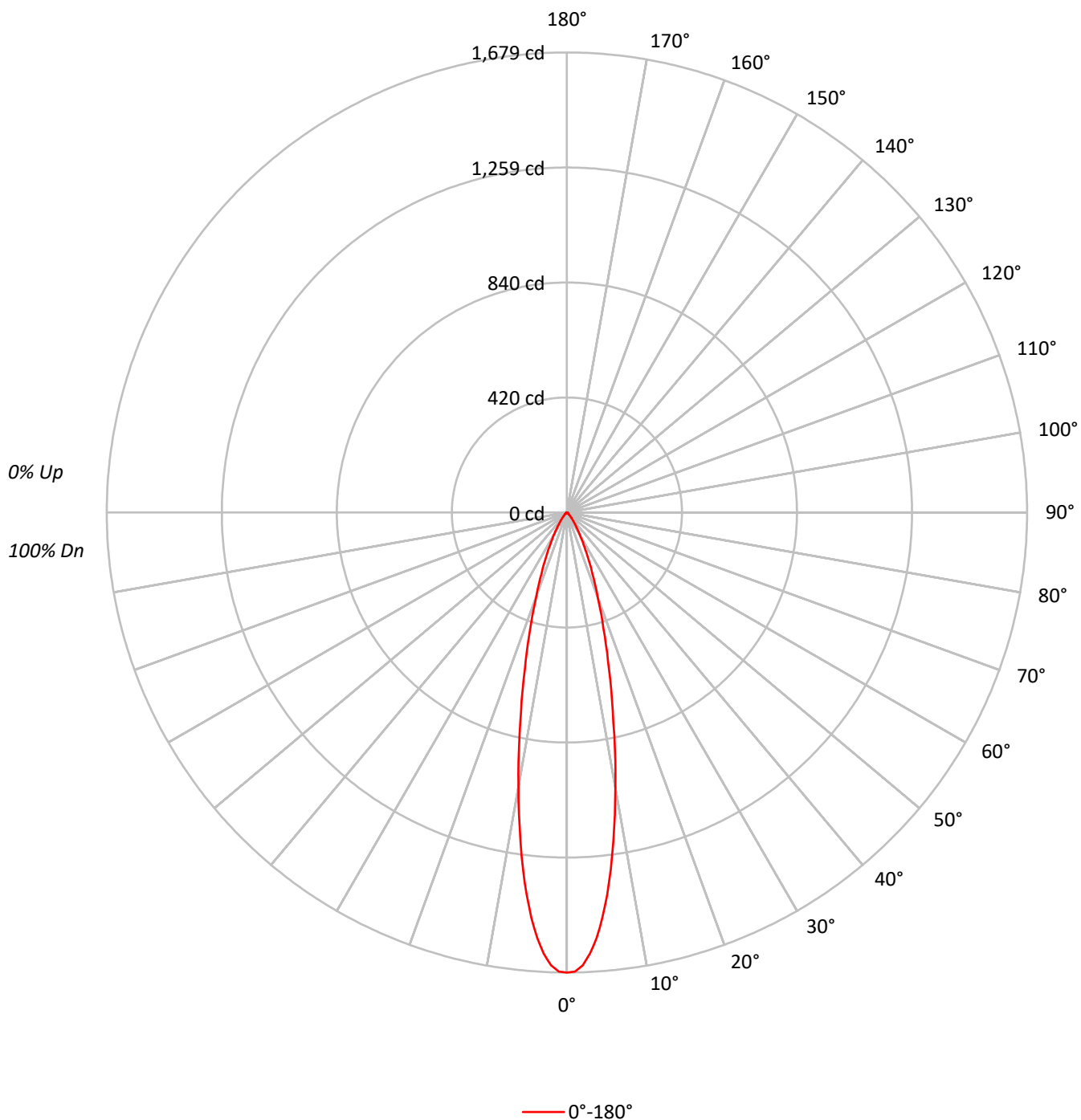
Lumens per Lamp: N/A
Luminaire Lumens: 431.0 lumens
Efficiency: N/A
Efficacy: 56.7 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1245986

CATALOG NUMBER: P3A05R129024DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1245986

CATALOG NUMBER: P3A05R129024DE010 E3DL1MW

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	368194
5°	326832
10°	226961
15°	134212
20°	76447
25°	43696
30°	24181
35°	12903
40°	7128
45°	3876
50°	2422
55°	1912
60°	1623
65°	1505
70°	1346
75°	1440
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3876 cd/sqm

TEST NUMBER: P1245986

CATALOG NUMBER: P3A05R129024DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.3	29.3
10°-20°	166.6	38.7
20°-30°	85.8	19.9
30°-40°	32.2	7.5
40°-50°	10.6	2.4
50°-60°	4.5	1.1
60°-70°	2.9	0.7
70°-80°	1.7	0.4
80°-90°	0.4	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°	378.7	87.9
0°-40°	410.9	95.3
0°-60°	426.0	98.8
0°-90°	431.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	431.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1679	
5°	1485	126
15°	591	167
25°	181	86
35°	48	32
45°	12	11
55°	5	5
65°	3	3
75°	2	2
85°	0	0
90°	0	

TEST NUMBER: P1245986

CATALOG NUMBER: P3A05R129024DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1679.1
1°	1675.7
2°	1653.7
3°	1611.8
4°	1556.6
5°	1484.8
6°	1403.4
7°	1314.1
8°	1214.9
9°	1116.9
10°	1019.3
12.5°	784.3
15°	591.2
17.5°	442.6
20°	327.6
22.5°	244.6
25°	180.6
27.5°	131.6
30°	95.5
32.5°	67.7
35°	48.2
37.5°	34.5
40°	24.9
42.5°	17.9
45°	12.5
47.5°	9.1
50°	7.1
52.5°	5.8
55°	5.0
57.5°	4.2
60°	3.7
62.5°	3.3
65°	2.9
67.5°	2.5
70°	2.1
72.5°	2.1
75°	1.7
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)