

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: P1246126

Luminaire Tested: P3A05R359024DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246126
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R359024DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

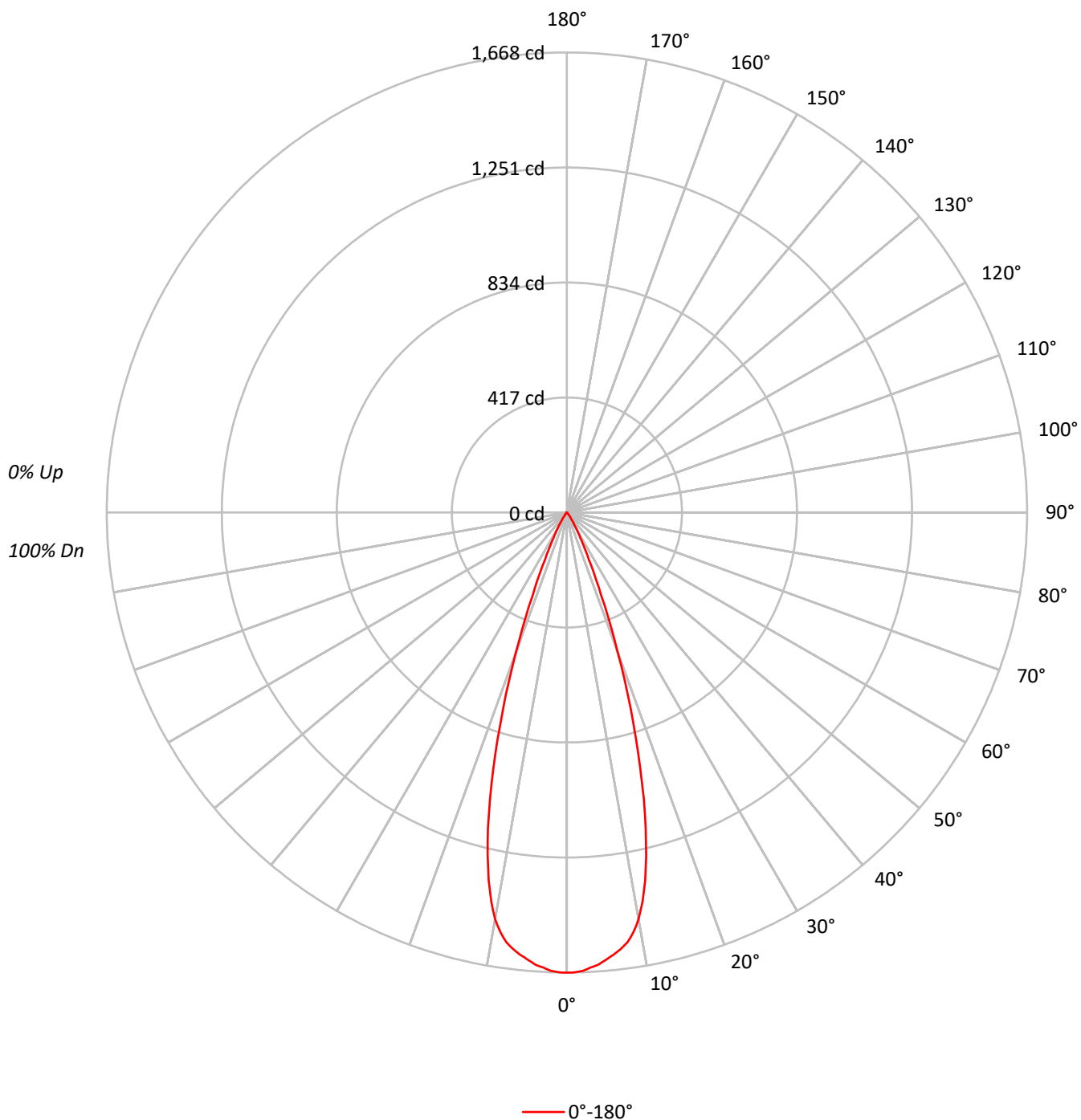
Lumens per Lamp: N/A
Luminaire Lumens: 561.0 lumens
Efficiency: N/A
Efficacy: 77.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1246126

CATALOG NUMBER: P3A05R359024DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1246126

CATALOG NUMBER: P3A05R359024DE010 E3CD1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	115	113	111	109	112	110	109	107	107	105	104		103	102	101		99	99	98	96
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97	95	94	93
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94	92	90	89
4	104	98	94	91	102	97	93	90	95	92	89		93	90	88		91	89	87	86
5	100	94	90	87	99	93	89	86	92	88	86		90	87	85		89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	82		87	84	82		86	83	81	80
7	94	87	83	80	93	87	83	80	86	82	79		85	81	79		84	81	79	78
8	91	84	80	77	90	84	80	77	83	79	77		82	79	76		81	78	76	75
9	89	82	77	74	88	81	77	74	80	77	74		80	76	74		79	76	74	73
10	86	79	75	72	85	79	75	72	78	74	72		77	74	72		77	74	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	365804
5°	358353
10°	333372
15°	244428
20°	125148
25°	45099
30°	17572
35°	6157
40°	2519
45°	682
50°	614
55°	688
60°	570
65°	467
70°	577
75°	763
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 763 cd/sqm

TEST NUMBER: P1246126

CATALOG NUMBER: P3A05R359024DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.8	27.1
10°-20°	284.8	50.8
20°-30°	100.8	18.0
30°-40°	17.7	3.1
40°-50°	2.6	0.5
50°-60°	1.4	0.3
60°-70°	1.0	0.2
70°-80°	0.8	0.1
80°-90°	0.2	0.0
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°	537.3	95.8
0°-40°	555.0	98.9
0°-60°	559.0	99.7
0°-90°	561.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	561.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1668	
5°	1628	152
15°	1077	285
25°	186	101
35°	23	18
45°	2	3
55°	2	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1246126

CATALOG NUMBER: P3A05R359024DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1668.2
1°	1667.8
2°	1662.5
3°	1652.3
4°	1643.0
5°	1628.0
6°	1612.6
7°	1595.3
8°	1574.1
9°	1541.0
10°	1497.2
11°	1436.7
12°	1363.8
13°	1277.2
14°	1181.8
15°	1076.7
17.5°	801.9
20°	536.3
22.5°	323.4
25°	186.4
27.5°	111.3
30°	69.4
32.5°	40.2
35°	23.0
37.5°	14.6
40°	8.8
42.5°	4.4
45°	2.2
47.5°	1.8
50°	1.8
52.5°	1.8
55°	1.8
57.5°	1.3
60°	1.3
62.5°	1.3
65°	0.9
67.5°	0.9
70°	0.9
72.5°	0.9
75°	0.9
77.5°	0.4
80°	0.4
82.5°	0.4
85°	0.0
87.5°	0.0



TEST NUMBER: P1246126

CATALOG NUMBER: P3A05R359024DE010 E3CD1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)