

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: P1264125

Luminaire Tested: P3A05R109730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264125
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: P3A05R109730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

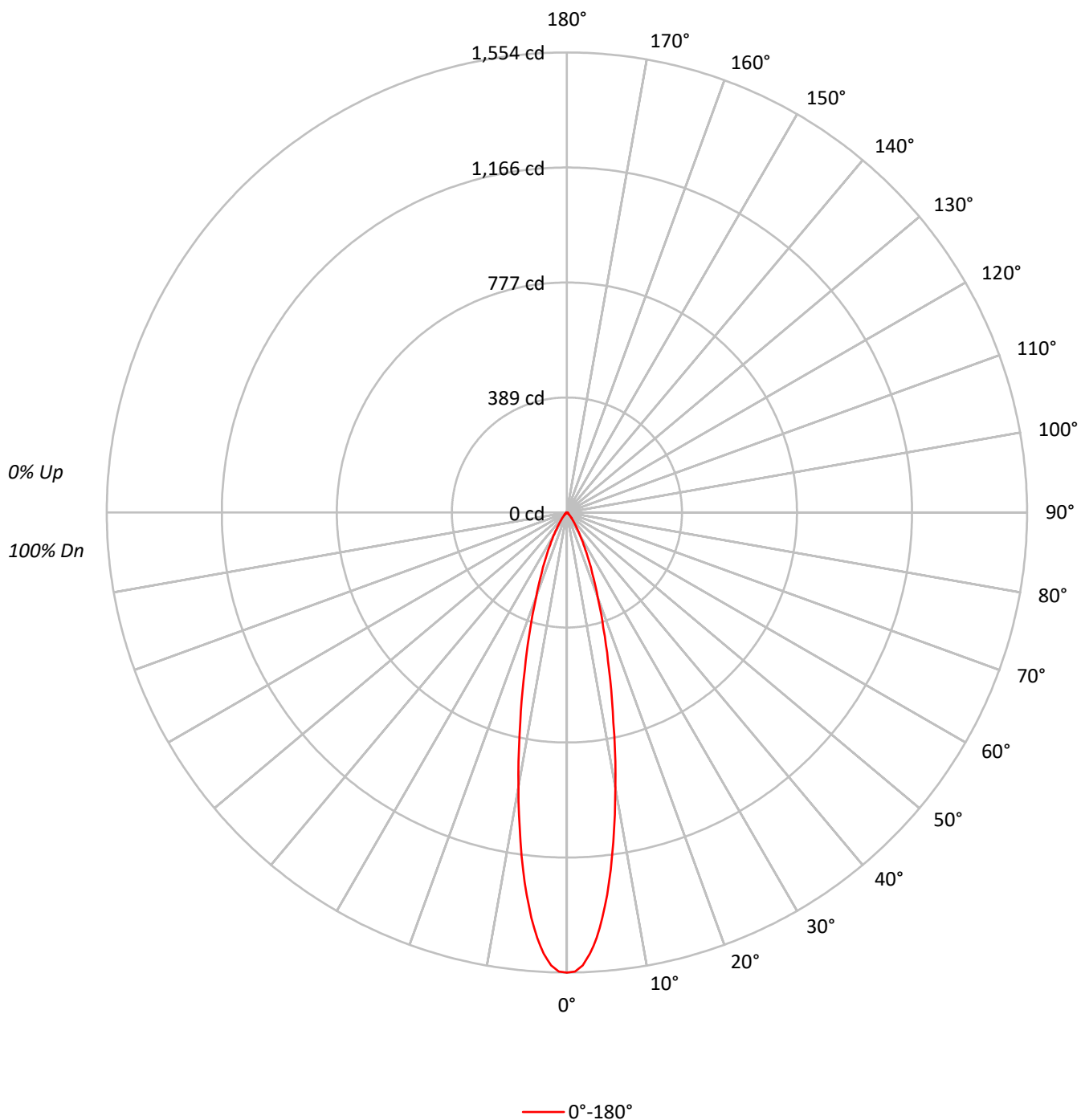
Lumens per Lamp: N/A
Luminaire Lumens: 399.0 lumens
Efficiency: N/A
Efficacy: 50.5 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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: P1264125

CATALOG NUMBER: P3A05R109730DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1264125

CATALOG NUMBER: P3A05R109730DE010 E3DL1WMH

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	106	103	100		108	104	101	99		101	99	97		98	96	95		96	94	93
3	106	101	97	93		104	99	96	93		97	94	91		94	92	90		92	90	88
4	102	96	92	88		100	95	91	88		93	89	87		91	88	86		89	87	85
5	98	92	87	84		97	91	87	83		89	85	83		88	84	82		86	83	81
6	95	88	83	80		94	87	83	80		86	82	79		85	81	79		83	80	78
7	92	85	80	77		91	84	80	76		83	79	76		82	78	76		81	78	75
8	89	81	77	74		88	81	77	73		80	76	73		79	75	73		78	75	73
9	86	79	74	71		85	78	74	71		77	73	71		77	73	70		76	73	70
10	84	76	71	68		83	76	71	68		75	71	68		74	71	68		74	70	68

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	340850
5°	302553
10°	210105
15°	124246
20°	70776
25°	40454
30°	22383
35°	11939
40°	6612
45°	3566
50°	2217
55°	1759
60°	1535
65°	1401
70°	1218
75°	1271
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3566 cd/sqm

TEST NUMBER: P1264125

CATALOG NUMBER: P3A05R109730DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.9	29.3
10°-20°	154.3	38.7
20°-30°	79.4	19.9
30°-40°	29.8	7.5
40°-50°	9.8	2.4
50°-60°	4.2	1.1
60°-70°	2.7	0.7
70°-80°	1.6	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°	350.6	87.9
0°-40°	380.4	95.3
0°-60°	394.3	98.8
0°-90°	399.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	399.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1554	
5°	1374	117
15°	547	154
25°	167	79
35°	45	30
45°	12	10
55°	5	4
65°	3	3
75°	2	2
85°	0	0
90°	0	

TEST NUMBER: P1264125

CATALOG NUMBER: P3A05R109730DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1554.4
1°	1551.3
2°	1531.0
3°	1492.1
4°	1441.0
5°	1374.5
6°	1299.2
7°	1216.5
8°	1124.7
9°	1034.0
10°	943.6
12.5°	726.1
15°	547.3
17.5°	409.7
20°	303.3
22.5°	226.4
25°	167.2
27.5°	121.8
30°	88.4
32.5°	62.7
35°	44.6
37.5°	31.9
40°	23.1
42.5°	16.5
45°	11.5
47.5°	8.5
50°	6.5
52.5°	5.4
55°	4.6
57.5°	3.8
60°	3.5
62.5°	3.1
65°	2.7
67.5°	2.3
70°	1.9
72.5°	1.9
75°	1.5
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)