

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: P1264712

Luminaire Tested: P3A09R409730DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264712
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R409730DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

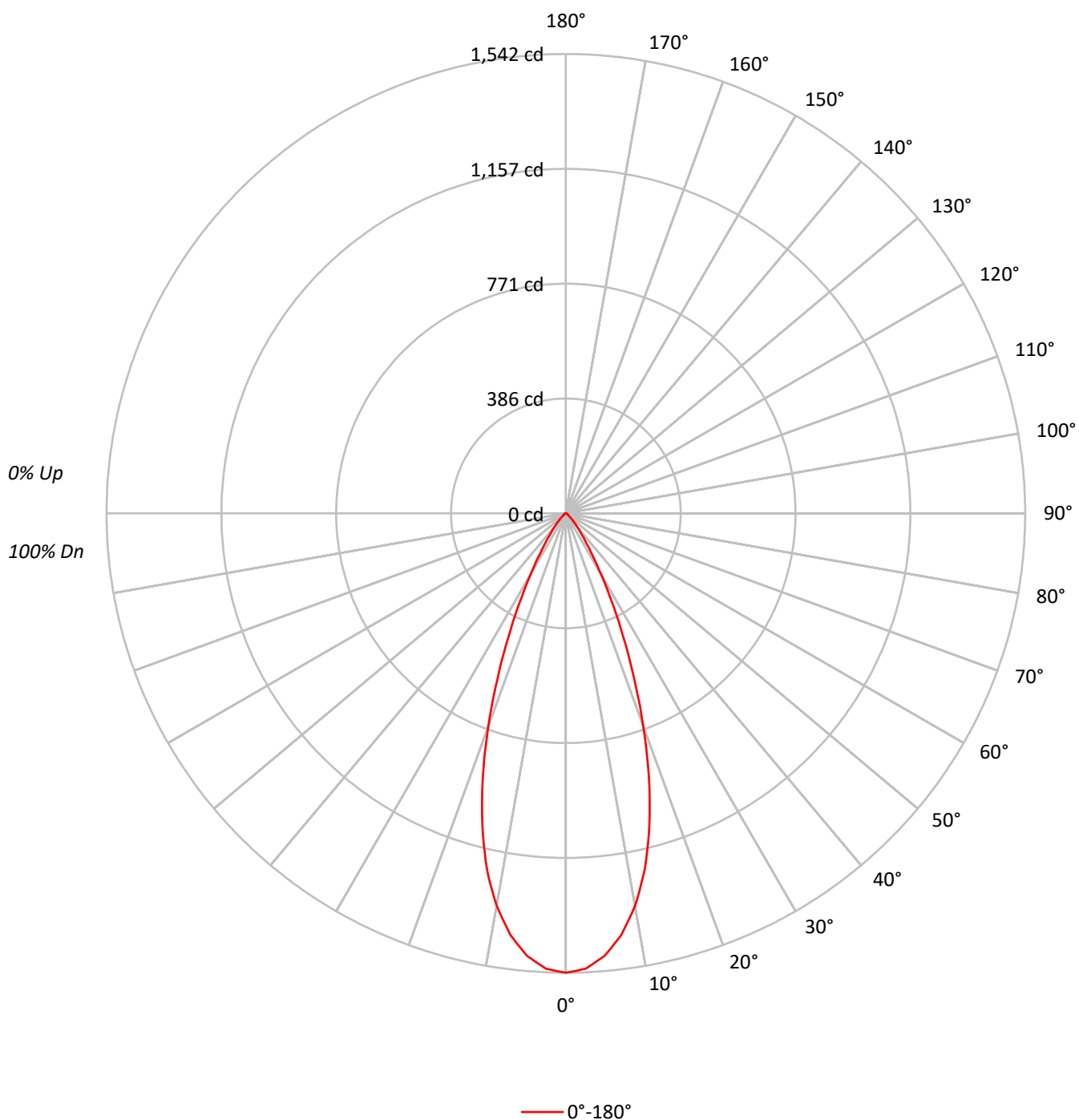
Lumens per Lamp: N/A
Luminaire Lumens: 764.0 lumens
Efficiency: N/A
Efficacy: 68.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1264712

CATALOG NUMBER: P3A09R409730DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1264712

CATALOG NUMBER: P3A09R409730DE010 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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	109	107		112	109	107	105		105	104	102		102	100	99		98	97	96
2	109	105	101	98		107	103	100	97		100	97	95		97	95	93		94	92	91
3	104	99	94	91		102	97	93	90		95	91	88		92	89	87		90	88	86
4	100	93	88	85		98	92	88	84		90	86	83		88	85	82		86	84	81
5	96	88	83	79		94	88	83	79		86	82	78		84	81	78		83	80	77
6	92	84	79	75		91	83	78	75		82	78	74		81	77	74		79	76	73
7	88	80	75	71		87	79	74	71		78	74	71		77	73	70		76	73	70
8	85	76	71	68		84	76	71	67		75	70	67		74	70	67		73	69	67
9	82	73	68	64		81	73	68	64		72	67	64		71	67	64		70	66	64
10	78	70	65	62		78	70	65	61		69	64	61		68	64	61		67	64	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	338065
5°	328240
10°	297879
15°	246085
20°	177512
25°	109797
30°	59452
35°	30731
40°	16717
45°	9365
50°	4708
55°	3517
60°	3158
65°	3061
70°	2949
75°	2796
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9365 cd/sqm

TEST NUMBER: P1264712

CATALOG NUMBER: P3A09R409730DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.5	18.0
10°-20°	295.2	38.6
20°-30°	210.6	27.6
30°-40°	77.6	10.2
40°-50°	24.4	3.2
50°-60°	8.5	1.1
60°-70°	5.8	0.8
70°-80°	3.5	0.5
80°-90°	1.0	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°	643.3	84.2
0°-40°	720.8	94.3
0°-60°	753.7	98.7
0°-90°	764.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	764.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1542	
5°	1491	137
15°	1084	295
25°	454	211
35°	115	78
45°	30	24
55°	9	8
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1264712

CATALOG NUMBER: P3A09R409730DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1541.7
2.5°	1529.9
5°	1491.2
7.5°	1426.9
10°	1337.8
12.5°	1224.3
15°	1084.0
17.5°	926.6
20°	760.7
22.5°	597.4
25°	453.8
27.5°	333.1
30°	234.8
32.5°	164.6
35°	114.8
37.5°	81.3
40°	58.4
42.5°	42.0
45°	30.2
47.5°	20.3
50°	13.8
52.5°	9.8
55°	9.2
57.5°	8.5
60°	7.2
62.5°	6.6
65°	5.9
67.5°	5.2
70°	4.6
72.5°	3.9
75°	3.3
77.5°	2.6
80°	2.0
82.5°	1.3
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)