

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: P1246493

Luminaire Tested: P3A09R309024DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246493
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R309024DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

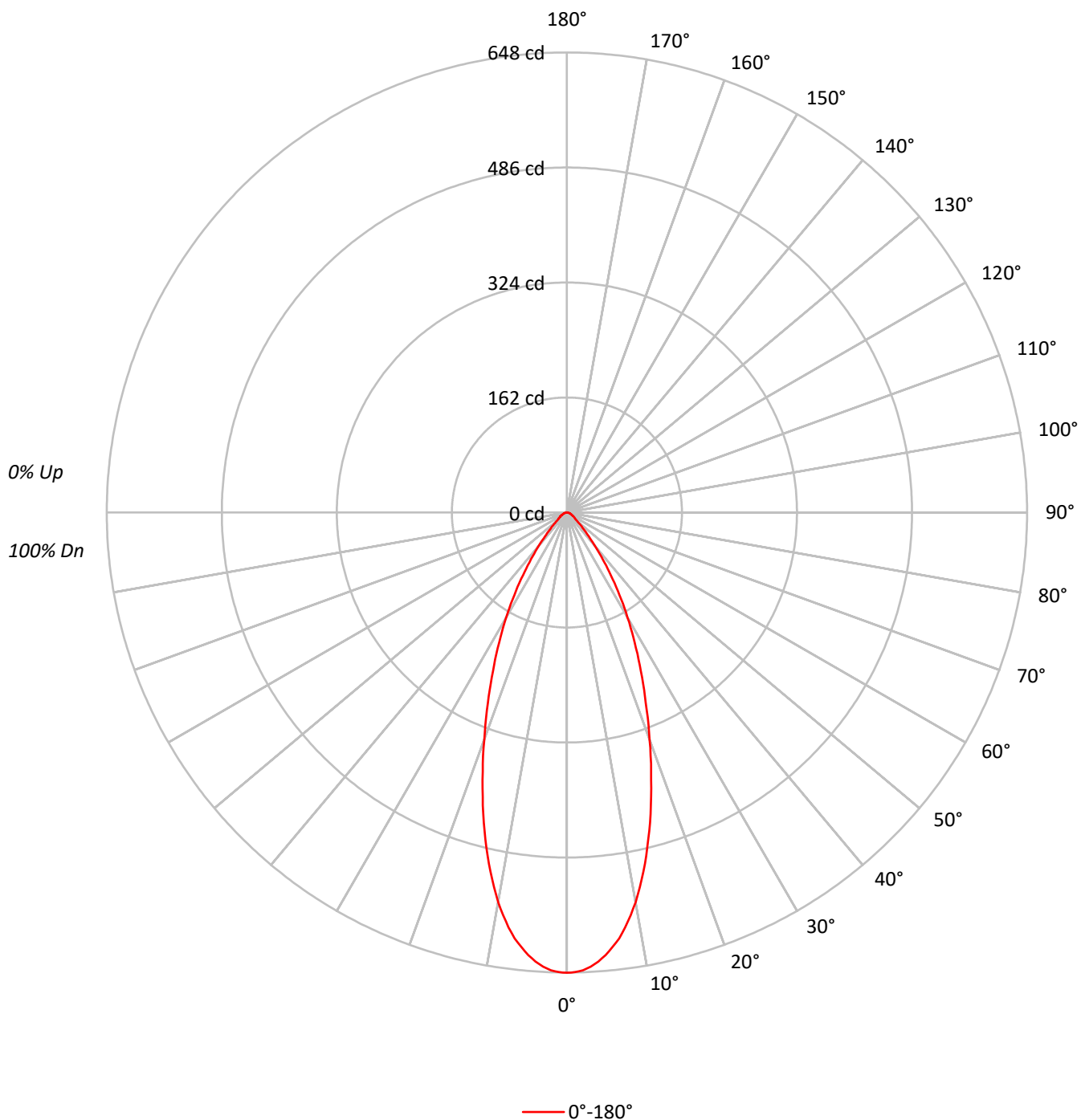
Lumens per Lamp: N/A
Luminaire Lumens: 416.0 lumens
Efficiency: N/A
Efficacy: 37.5 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1246493

CATALOG NUMBER: P3A09R309024DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1246493

CATALOG NUMBER: P3A09R309024DE010 E3DLP1MW

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	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	142160
5°	137728
10°	124090
15°	102657
20°	79480
25°	59616
30°	43272
35°	28830
40°	17719
45°	10389
50°	6379
55°	5161
60°	4517
65°	3684
70°	3334
75°	3304
80°	2399
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10389 cd/sqm

TEST NUMBER: P1246493

CATALOG NUMBER: P3A09R309024DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.6	13.8
10°-20°	124.5	29.9
20°-30°	113.3	27.2
30°-40°	68.5	16.5
40°-50°	27.5	6.6
50°-60°	12.1	2.9
60°-70°	7.4	1.8
70°-80°	4.0	1.0
80°-90°	1.1	0.3
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°	295.4	71.0
0°-40°	363.9	87.5
0°-60°	403.5	97.0
0°-90°	416.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	416.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	648	
5°	626	58
15°	452	125
25°	246	113
35°	108	68
45°	34	27
55°	14	12
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1246493

CATALOG NUMBER: P3A09R309024DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	648.3
1°	647.6
2°	645.1
3°	640.5
4°	634.1
5°	625.7
6°	615.4
7°	604.4
8°	590.2
9°	574.1
10°	557.3
11°	538.0
12°	517.3
13°	496.7
14°	474.1
15°	452.2
17.5°	394.8
20°	340.6
22.5°	290.3
25°	246.4
27.5°	206.4
30°	170.9
32.5°	138.0
35°	107.7
37.5°	82.6
40°	61.9
42.5°	45.2
45°	33.5
47.5°	25.2
50°	18.7
52.5°	14.8
55°	13.5
57.5°	11.6
60°	10.3
62.5°	8.4
65°	7.1
67.5°	6.5
70°	5.2
72.5°	4.5
75°	3.9
77.5°	3.2
80°	1.9
82.5°	1.3
85°	1.3
87.5°	0.6



TEST NUMBER: P1246493

CATALOG NUMBER: P3A09R309024DE010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)