

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: P1246496

Luminaire Tested: P3A09R309024DE010 E3PH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246496
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R309024DE010 E3PH1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

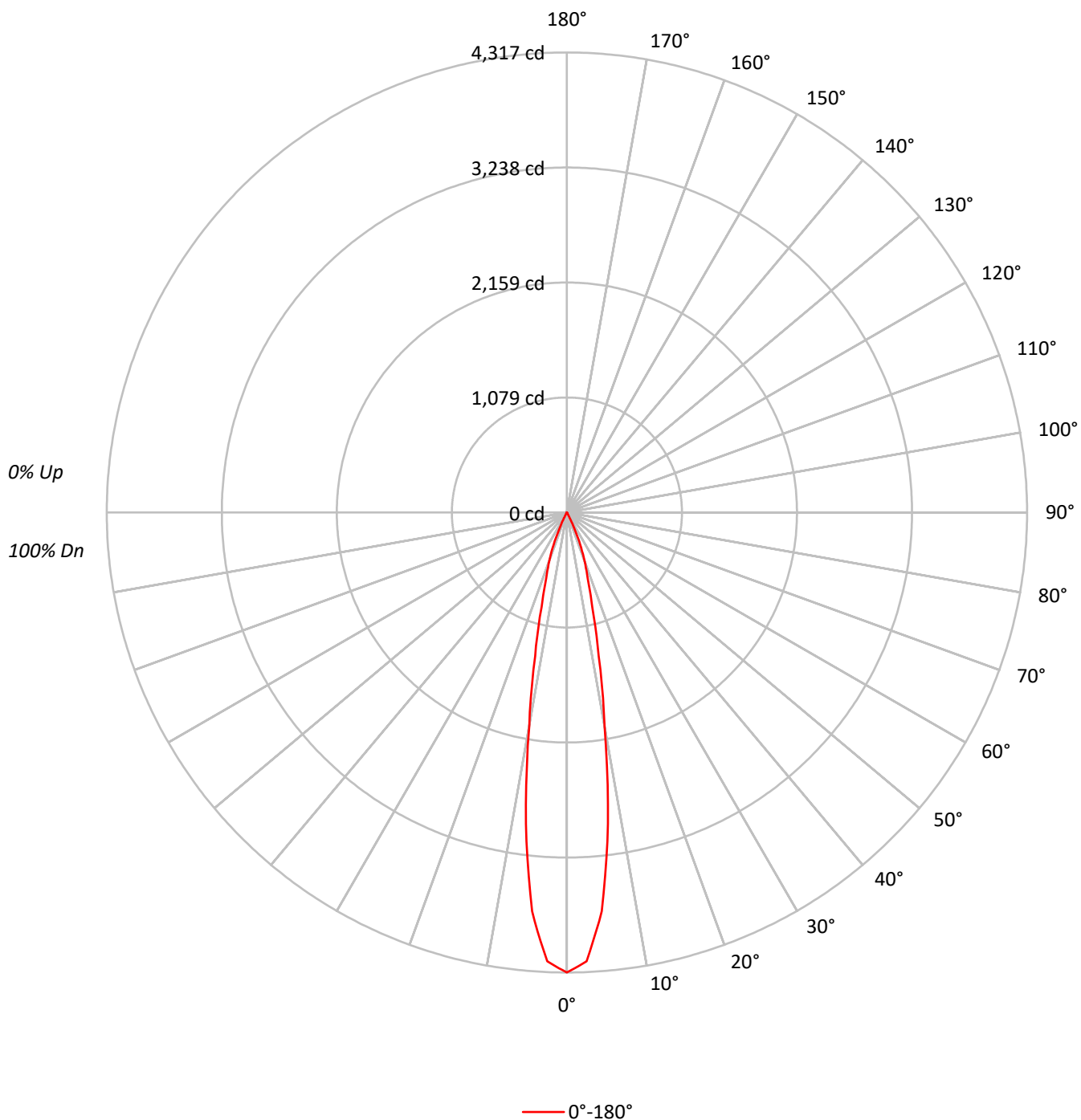
Lumens per Lamp: N/A
Luminaire Lumens: 665.0 lumens
Efficiency: N/A
Efficacy: 59.9 lumens/watt
Spacing Criteria (0/90/45): 0.33 / 0.33 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1246496

CATALOG NUMBER: P3A09R309024DE010 E3PH1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1246496

CATALOG NUMBER: P3A09R309024DE010 E3PH1MW

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	115	113	112	110	113	111	110	108	107	106	105		104	103	102		100
2	112	109	106	104	110	107	105	103	104	102	100		101	100	98		99
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97
4	106	101	98	95	105	100	97	95	98	96	94		97	94	92		95
5	104	98	95	92	102	97	94	91	96	93	91		94	92	90		93
6	101	95	92	89	100	95	91	89	94	91	88		92	90	88		91
7	99	93	89	87	98	92	89	86	91	88	86		90	88	86		89
8	96	91	87	84	96	90	87	84	89	86	84		88	86	84		88
9	94	89	85	82	94	88	85	82	87	84	82		87	84	82		86
10	92	87	83	81	92	86	83	81	86	82	80		85	82	80		84

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	946547
5°	826808
10°	453588
15°	208673
20°	112476
25°	38131
30°	4963
35°	750
40°	258
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

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

TEST NUMBER: P1246496

CATALOG NUMBER: P3A09R309024DE010 E3PH1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	300.9	45.3
10°-20°	275.8	41.5
20°-30°	84.8	12.8
30°-40°	3.2	0.5
40°-50°	0.2	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	661.6	99.5
0°-40°	664.7	100.0
0°-60°	665.0	100.0
0°-90°	665.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	665.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4317	
5°	3756	301
15°	919	276
25°	158	85
35°	3	3
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1246496

CATALOG NUMBER: P3A09R309024DE010 E3PH1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	4316.6
2.5°	4215.9
5°	3756.2
7.5°	2947.0
10°	2037.1
12.5°	1378.9
15°	919.2
17.5°	644.2
20°	482.0
22.5°	324.4
25°	157.6
27.5°	57.8
30°	19.6
32.5°	6.5
35°	2.8
37.5°	1.9
40°	0.9
42.5°	0.9
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)