

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: P1258455

Luminaire Tested: P3AS24R309040D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258455
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: P3AS24R309040D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

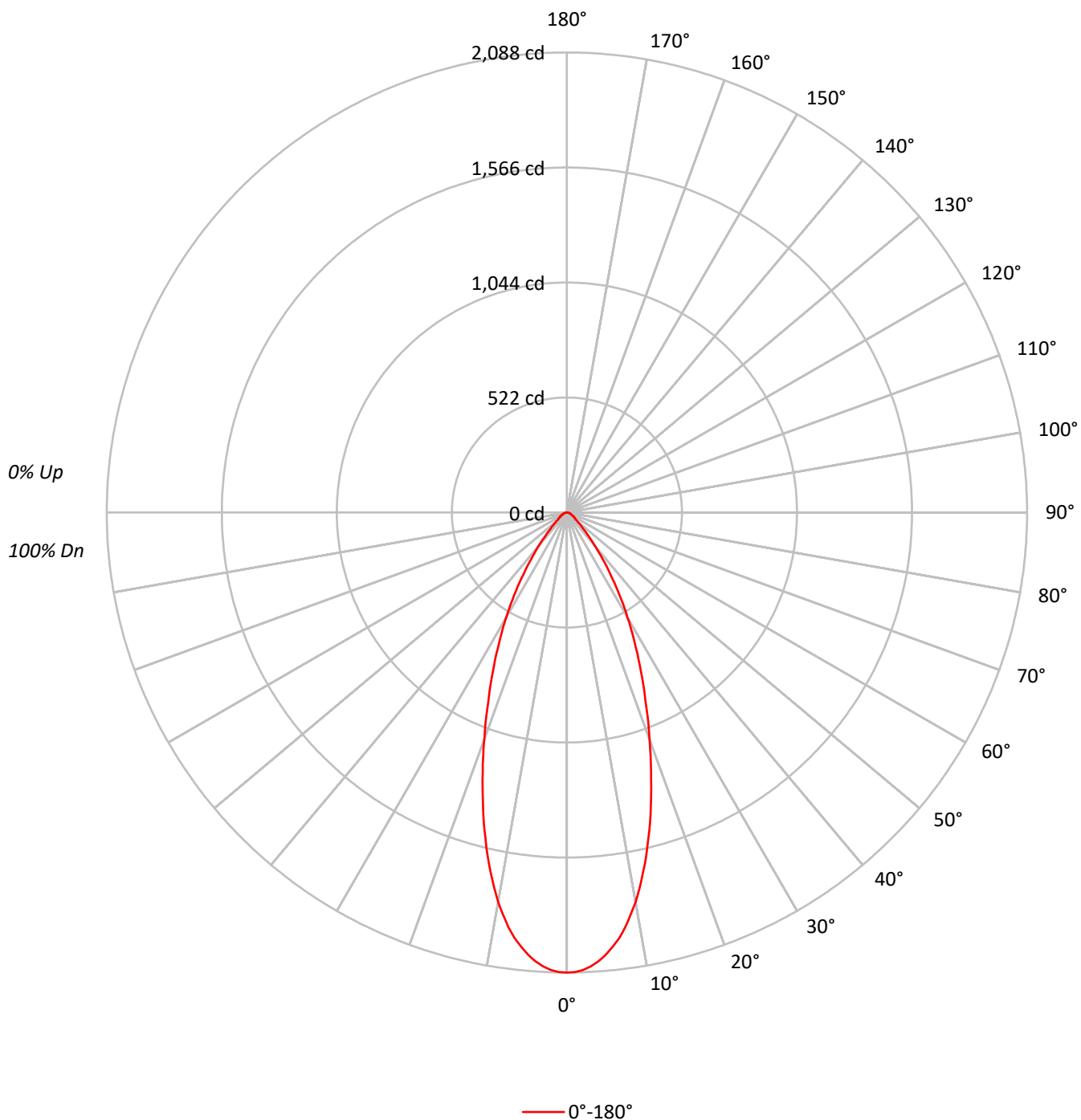
Lumens per Lamp: N/A
Luminaire Lumens: 1340.0 lumens
Efficiency: N/A
Efficacy: 46.5 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1258455

CATALOG NUMBER: P3AS24R309040D010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1258455

CATALOG NUMBER: P3AS24R309040D010 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°	457902
5°	443648
10°	399725
15°	330649
20°	256012
25°	192035
30°	139414
35°	92889
40°	57107
45°	33492
50°	20571
55°	16668
60°	14560
65°	11882
70°	10643
75°	10590
80°	7829
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 33492 cd/sqm

TEST NUMBER: P1258455

CATALOG NUMBER: P3AS24R309040D010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	185.4	13.8
10°-20°	401.2	29.9
20°-30°	364.9	27.2
30°-40°	220.7	16.5
40°-50°	88.5	6.6
50°-60°	39.2	2.9
60°-70°	23.6	1.8
70°-80°	12.9	1.0
80°-90°	3.7	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°	951.5	71.0
0°-40°	1172.2	87.5
0°-60°	1299.8	97.0
0°-90°	1340.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1340.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2088	
5°	2016	185
15°	1456	401
25°	794	365
35°	347	221
45°	108	88
55°	44	39
65°	23	24
75°	12	13
85°	4	4
90°	0	

TEST NUMBER: P1258455

CATALOG NUMBER: P3AS24R309040D010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2088.2
1°	2086.1
2°	2077.8
3°	2063.3
4°	2042.5
5°	2015.5
6°	1982.2
7°	1946.9
8°	1901.2
9°	1849.3
10°	1795.2
11°	1732.9
12°	1666.4
13°	1599.9
14°	1527.2
15°	1456.5
17.5°	1271.6
20°	1097.1
22.5°	935.0
25°	793.7
27.5°	664.9
30°	550.6
32.5°	444.7
35°	347.0
37.5°	266.0
40°	199.5
42.5°	145.4
45°	108.0
47.5°	81.0
50°	60.3
52.5°	47.8
55°	43.6
57.5°	37.4
60°	33.2
62.5°	27.0
65°	22.9
67.5°	20.8
70°	16.6
72.5°	14.5
75°	12.5
77.5°	10.4
80°	6.2
82.5°	4.2
85°	4.2
87.5°	2.1



TEST NUMBER: P1258455

CATALOG NUMBER: P3AS24R309040D010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)