

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: P1258528

Luminaire Tested: P3AS24R459040D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258528
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R459040D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

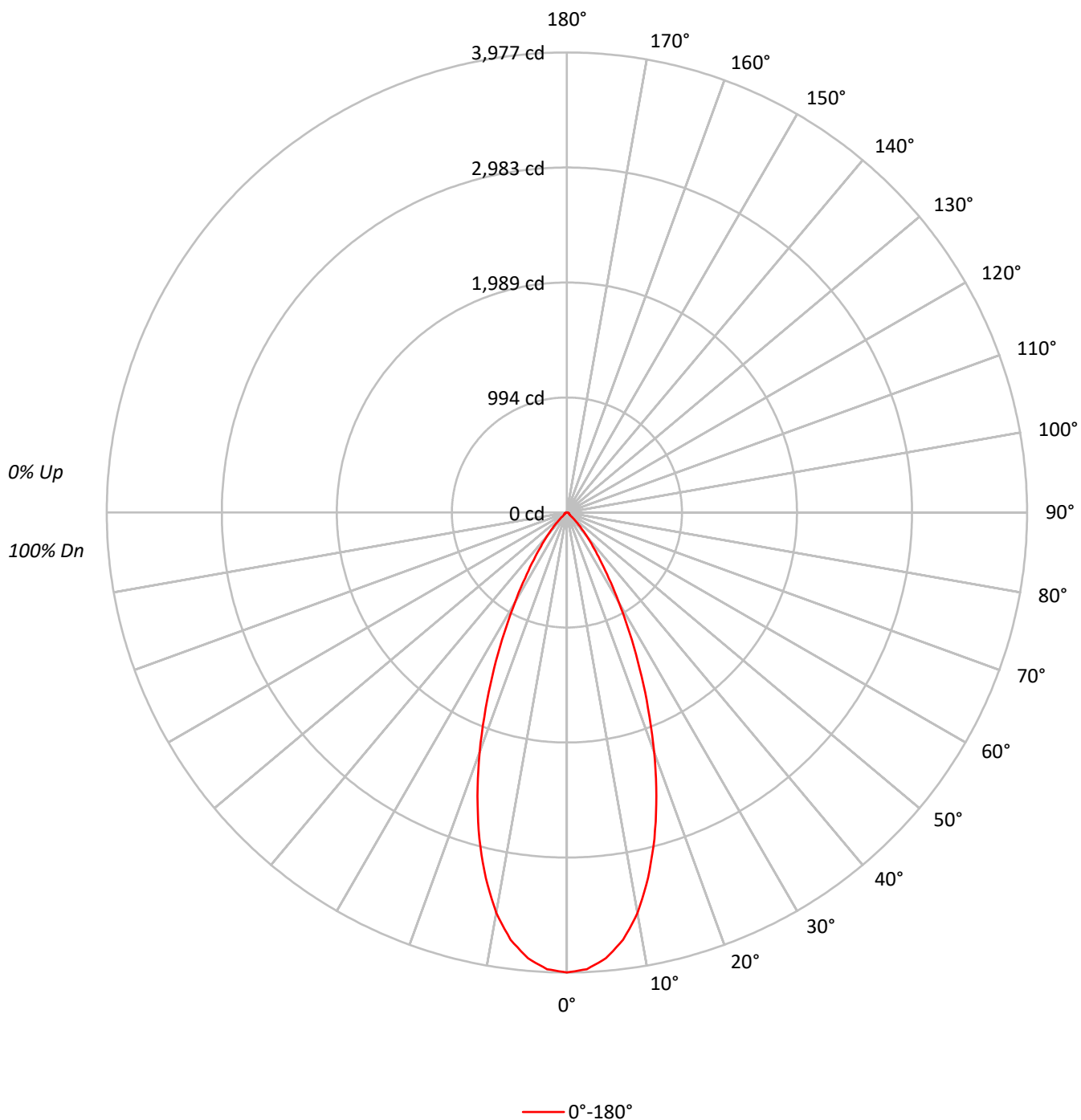
Lumens per Lamp: N/A
Luminaire Lumens: 2322.0 lumens
Efficiency: N/A
Efficacy: 80.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1258528

CATALOG NUMBER: P3AS24R459040D010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1258528

CATALOG NUMBER: P3AS24R459040D010 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		111	109	107	105		105	103	102		101	100	99		98	97	96
2	109	104	100	97		106	102	99	96		99	96	94		96	94	92		93	91	90
3	104	98	93	89		102	96	92	88		94	90	87		91	88	86		89	86	84
4	99	92	87	83		97	91	86	82		89	85	81		87	83	80		85	82	79
5	94	87	81	77		93	86	81	77		84	80	76		82	79	76		81	78	75
6	90	82	76	73		89	81	76	72		80	75	72		78	74	71		77	74	71
7	86	78	72	68		85	77	72	68		76	71	68		75	71	67		74	70	67
8	83	74	68	65		82	73	68	64		72	68	64		71	67	64		70	67	64
9	79	70	65	61		78	70	65	61		69	64	61		68	64	61		67	63	61
10	76	67	62	58		75	67	62	58		66	61	58		65	61	58		65	61	58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	871992
5°	851550
10°	782796
15°	663273
20°	514615
25°	359730
30°	226617
35°	133418
40°	75484
45°	36717
50°	12759
55°	10322
60°	9999
65°	9703
70°	9296
75°	8811
80°	7829
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36717 cd/sqm

TEST NUMBER: P1258528

CATALOG NUMBER: P3AS24R459040D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	358.1	15.4
10°-20°	802.3	34.6
20°-30°	681.3	29.3
30°-40°	325.0	14.0
40°-50°	97.9	4.2
50°-60°	24.8	1.1
60°-70°	18.5	0.8
70°-80°	11.0	0.5
80°-90°	3.1	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°	1841.7	79.3
0°-40°	2166.8	93.3
0°-60°	2289.4	98.6
0°-90°	2322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2322.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3977	
5°	3869	358
15°	2922	802
25°	1487	681
35°	498	325
45°	118	98
55°	27	25
65°	19	18
75°	10	11
85°	2	3
90°	0	

TEST NUMBER: P1258528

CATALOG NUMBER: P3AS24R459040D010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	3976.6
2.5°	3951.7
5°	3868.6
7.5°	3725.3
10°	3515.6
12.5°	3237.3
15°	2921.7
17.5°	2570.8
20°	2205.3
22.5°	1833.6
25°	1486.8
27.5°	1171.2
30°	895.0
32.5°	672.8
35°	498.4
37.5°	367.6
40°	263.7
42.5°	182.7
45°	118.4
47.5°	66.4
50°	37.4
52.5°	29.1
55°	27.0
57.5°	24.9
60°	22.8
62.5°	20.8
65°	18.7
67.5°	16.6
70°	14.5
72.5°	12.5
75°	10.4
77.5°	8.3
80°	6.2
82.5°	4.2
85°	2.1
87.5°	2.1
90°	0.0

(END OF REPORT)