

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: P1261197

Luminaire Tested: P3AS24R559050D010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261197
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R559050D010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

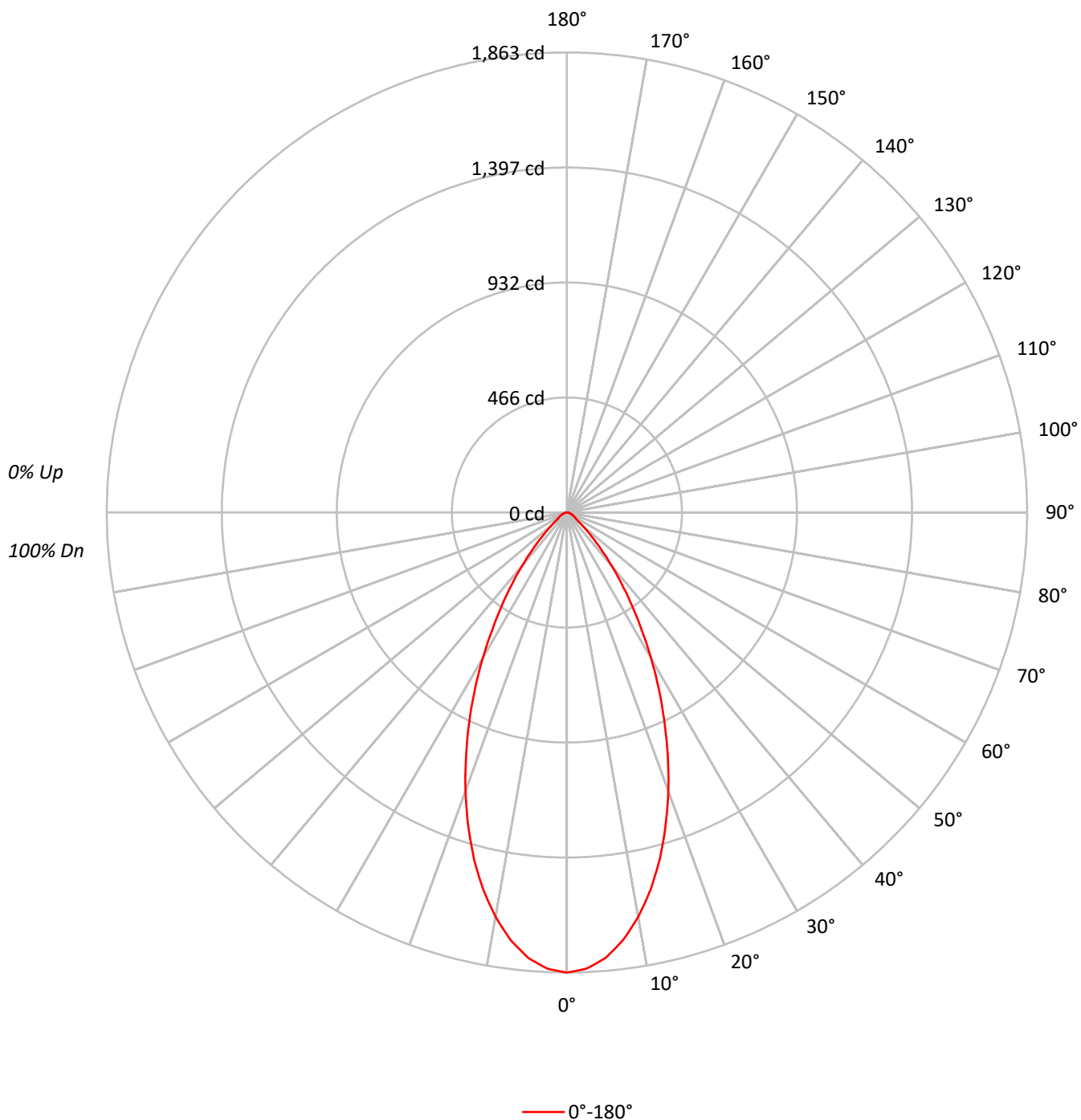
Lumens per Lamp: N/A
Luminaire Lumens: 1502.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261197

CATALOG NUMBER: P3AS24R559050D010 E3DLP1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1261197

CATALOG NUMBER: P3AS24R559050D010 E3DLP1WMH

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	107	105	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	408586
5°	398348
10°	370334
15°	329786
20°	280234
25°	226174
30°	172406
35°	122630
40°	80923
45°	48005
50°	28144
55°	17357
60°	15394
65°	13906
70°	11925
75°	10506
80°	10481
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48005 cd/sqm

TEST NUMBER: P1261197

CATALOG NUMBER: P3AS24R559050D010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.0	11.2
10°-20°	402.7	26.8
20°-30°	426.6	28.4
30°-40°	288.2	19.2
40°-50°	126.3	8.4
50°-60°	45.2	3.0
60°-70°	26.5	1.8
70°-80°	13.9	0.9
80°-90°	4.5	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°	997.3	66.4
0°-40°	1285.6	85.6
0°-60°	1457.1	97.0
0°-90°	1502.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1502.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1863	
5°	1810	168
15°	1453	403
25°	935	427
35°	458	288
45°	155	126
55°	45	45
65°	27	27
75°	12	14
85°	4	5
90°	0	

TEST NUMBER: P1261197

CATALOG NUMBER: P3AS24R559050D010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1863.3
2.5°	1848.9
5°	1809.7
7.5°	1745.7
10°	1663.2
12.5°	1564.1
15°	1452.7
17.5°	1328.9
20°	1200.9
22.5°	1066.8
25°	934.8
27.5°	804.8
30°	680.9
32.5°	563.3
35°	458.1
37.5°	363.2
40°	282.7
42.5°	212.5
45°	154.8
47.5°	113.5
50°	82.5
52.5°	57.8
55°	45.4
57.5°	41.3
60°	35.1
62.5°	31.0
65°	26.8
67.5°	22.7
70°	18.6
72.5°	16.5
75°	12.4
77.5°	10.3
80°	8.3
82.5°	6.2
85°	4.1
87.5°	2.1
90°	0.0

(END OF REPORT)