

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: P1253182

Luminaire Tested: P3AS24R559030D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253182
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: P3AS24R559030D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

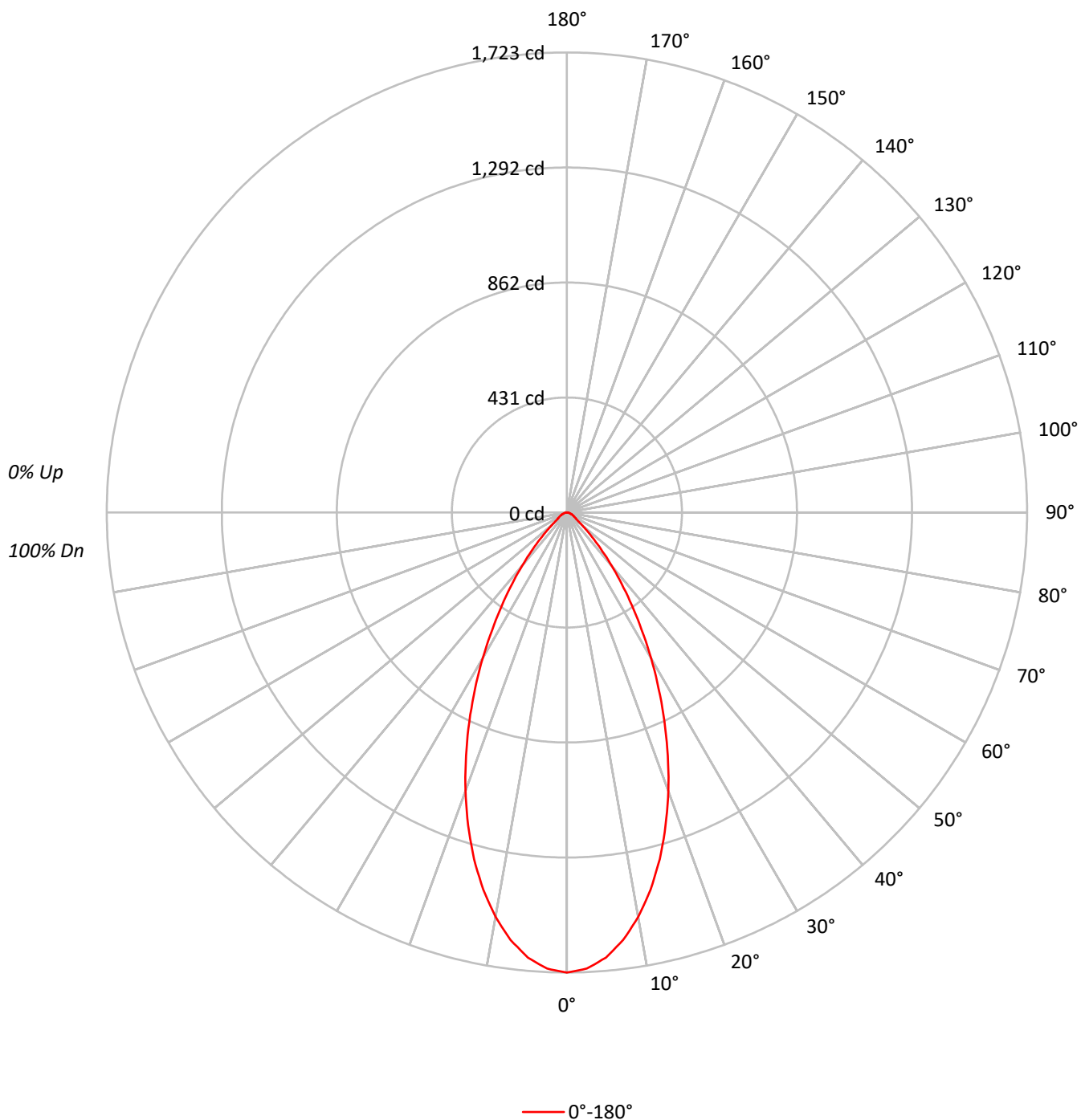
Lumens per Lamp: N/A
Luminaire Lumens: 1388.9 lumens
Efficiency: N/A
Efficacy: 48.2 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253182

CATALOG NUMBER: P3AS24R559030D010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1253182

CATALOG NUMBER: P3AS24R559030D010 E3DLP1H

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°	377843
5°	368368
10°	342456
15°	304973
20°	259163
25°	209141
30°	159442
35°	113394
40°	74826
45°	44377
50°	26029
55°	16057
60°	14209
65°	12868
70°	11028
75°	9658
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44377 cd/sqm

TEST NUMBER: P1253182

CATALOG NUMBER: P3AS24R559030D010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.4	11.2
10°-20°	372.4	26.8
20°-30°	394.5	28.4
30°-40°	266.5	19.2
40°-50°	116.8	8.4
50°-60°	41.8	3.0
60°-70°	24.5	1.8
70°-80°	12.8	0.9
80°-90°	4.1	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°	922.3	66.4
0°-40°	1188.8	85.6
0°-60°	1347.5	97.0
0°-90°	1388.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1388.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1723	
5°	1674	155
15°	1343	372
25°	864	394
35°	424	267
45°	143	117
55°	42	42
65°	25	25
75°	11	13
85°	4	4
90°	0	

TEST NUMBER: P1253182

CATALOG NUMBER: P3AS24R559030D010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1723.1
2.5°	1709.8
5°	1673.5
7.5°	1614.4
10°	1538.0
12.5°	1446.4
15°	1343.4
17.5°	1228.9
20°	1110.6
22.5°	986.6
25°	864.4
27.5°	744.2
30°	629.7
32.5°	520.9
35°	423.6
37.5°	335.9
40°	261.4
42.5°	196.5
45°	143.1
47.5°	105.0
50°	76.3
52.5°	53.4
55°	42.0
57.5°	38.2
60°	32.4
62.5°	28.6
65°	24.8
67.5°	21.0
70°	17.2
72.5°	15.3
75°	11.4
77.5°	9.5
80°	7.6
82.5°	5.7
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)