

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: P1258596

Luminaire Tested: P3AS24R559040D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258596
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: P3AS24R559040D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

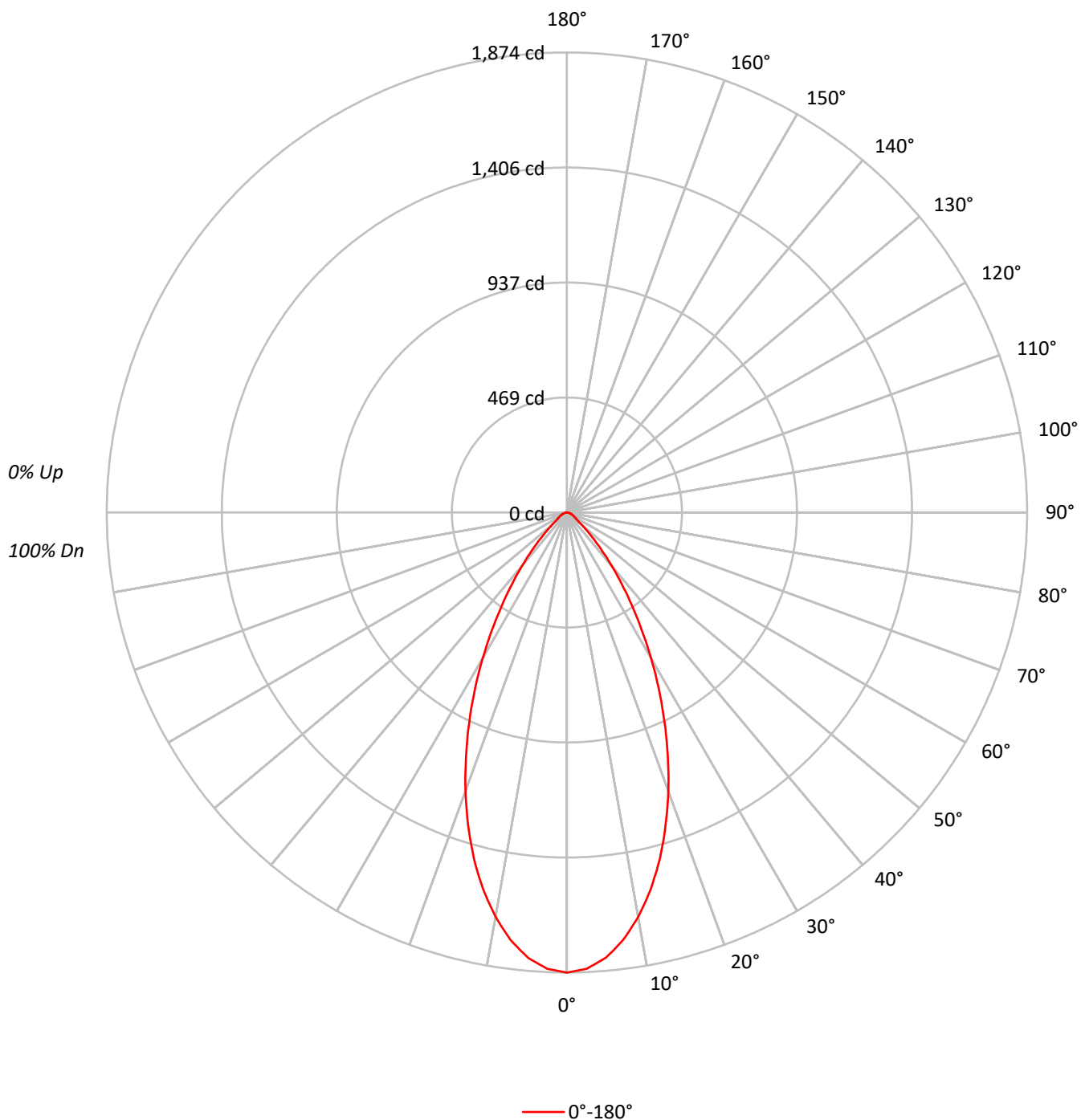
Lumens per Lamp: N/A
Luminaire Lumens: 1511.0 lumens
Efficiency: N/A
Efficacy: 52.5 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1258596

CATALOG NUMBER: P3AS24R559040D010 E3DLP1H

Luminous Intensity Polar Plot



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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°	411042
5°	400725
10°	372538
15°	331761
20°	281915
25°	227529
30°	173444
35°	123353
40°	81410
45°	48284
50°	28315
55°	17471
60°	15481
65°	14009
70°	11989
75°	10590
80°	10481
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48284 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.0	11.2
10°-20°	405.1	26.8
20°-30°	429.1	28.4
30°-40°	289.9	19.2
40°-50°	127.1	8.4
50°-60°	45.5	3.0
60°-70°	26.7	1.8
70°-80°	14.0	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°	1003.3	66.4
0°-40°	1293.2	85.6
0°-60°	1465.8	97.0
0°-90°	1511.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1511.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1874	
5°	1820	169
15°	1461	405
25°	940	429
35°	461	290
45°	156	127
55°	46	45
65°	27	27
75°	12	14
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1874.5
2.5°	1860.0
5°	1820.5
7.5°	1756.2
10°	1673.1
12.5°	1573.5
15°	1461.4
17.5°	1336.8
20°	1208.1
22.5°	1073.2
25°	940.4
27.5°	809.6
30°	685.0
32.5°	566.7
35°	460.8
37.5°	365.3
40°	284.4
42.5°	213.8
45°	155.7
47.5°	114.2
50°	83.0
52.5°	58.1
55°	45.7
57.5°	41.5
60°	35.3
62.5°	31.1
65°	27.0
67.5°	22.8
70°	18.7
72.5°	16.6
75°	12.5
77.5°	10.4
80°	8.3
82.5°	6.2
85°	4.2
87.5°	2.1
90°	0.0

(END OF REPORT)