

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: P1258412

Luminaire Tested: P3AS24R259040D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258412
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259040D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

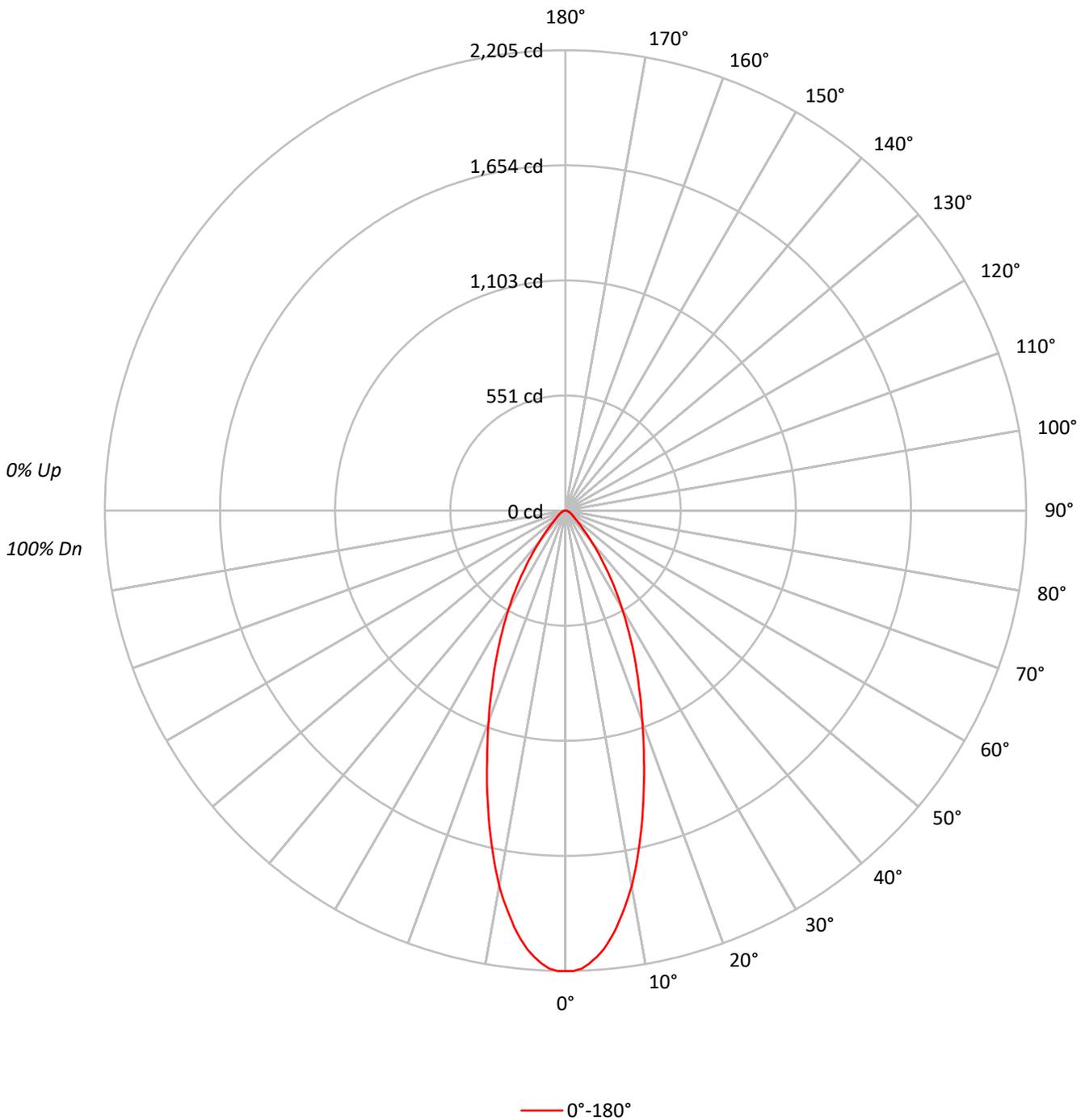
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1332.0 lumens
Efficiency: N/A
Efficacy: 46.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
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: P1258412
CATALOG NUMBER: P3AS24R259040D010 E3DL1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1258412
 CATALOG NUMBER: P3AS24R259040D010 E3DL1WH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	483580
5°	463943
10°	406428
15°	326699
20°	251018
25°	189930
30°	137236
35°	91176
40°	55275
45°	32189
50°	20537
55°	16668
60°	14560
65°	12920
70°	10643
75°	10590
80°	7829
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 32189 cd/sqm



TEST NUMBER: P1258412
 CATALOG NUMBER: P3AS24R259040D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.9	14.4
10°-20°	397.9	29.9
20°-30°	359.9	27.0
30°-40°	216.2	16.2
40°-50°	85.9	6.4
50°-60°	39.6	3.0
60°-70°	24.1	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°	949.7	71.3
0°-40°	1165.9	87.5
0°-60°	1291.3	96.9
0°-90°	1332.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1332.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2205	
5°	2108	192
15°	1439	398
25°	785	360
35°	341	216
45°	104	86
55°	44	40
65°	25	24
75°	12	13
85°	4	4
90°	0	



TEST NUMBER: P1258412
CATALOG NUMBER: P3AS24R259040D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2205.3
1°	2205.3
2°	2195.0
3°	2172.1
4°	2143.0
5°	2107.7
6°	2062.1
7°	2010.1
8°	1949.9
9°	1889.7
10°	1825.3
11°	1750.6
12°	1673.7
13°	1596.9
14°	1520.1
15°	1439.1
17.5°	1248.0
20°	1075.7
22.5°	919.9
25°	785.0
27.5°	658.3
30°	542.0
32.5°	436.1
35°	340.6
37.5°	259.6
40°	193.1
42.5°	141.2
45°	103.8
47.5°	78.9
50°	60.2
52.5°	49.8
55°	43.6
57.5°	37.4
60°	33.2
62.5°	27.0
65°	24.9
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: P1258412
CATALOG NUMBER: P3AS24R259040D010 E3DL1WH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)