

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: P1426968

Luminaire Tested: P3A24RH9030D010 E3HY1GPH

Issue Date: 3/9/2026

Test Information

Test Method: LM-79-2019
Report Number: P1426968
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-658-6)
Test Lab: INNOVATION CENTER
Issue Date: 3/9/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24RH9030D010 E3HY1GPH
Description: 3in Adjustable LED luminaire with, RH optic, 3000K CCT AND, 90CRI , E3HY1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

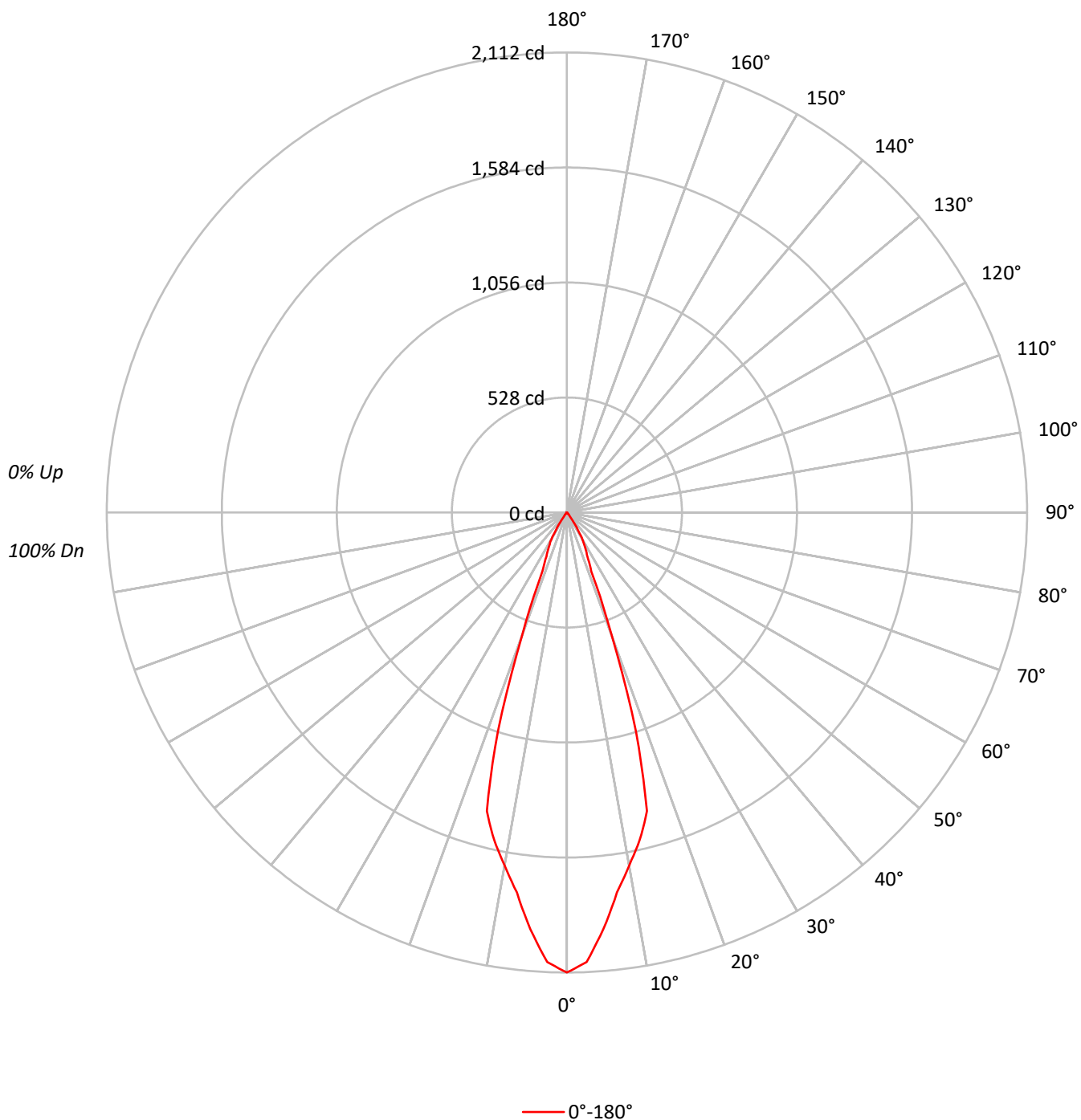
Lumens per Lamp: N/A
Luminaire Lumens: 682.0 lumens
Efficiency: N/A
Efficacy: 23.7 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1426968

CATALOG NUMBER: P3A24RH9030D010 E3HY1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1426968

CATALOG NUMBER: P3A24RH9030D010 E3HY1GPH

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	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	97	95	98	95	93		96	94	92		94
4	103	98	94	90	102	97	93	90	95	91	89		93	90	88		91
5	100	94	89	86	99	93	89	86	91	88	85		90	87	84		88
6	97	90	86	83	96	89	85	82	88	84	82		87	84	81		86
7	94	87	82	79	93	86	82	79	85	81	79		84	81	78		83
8	91	84	79	76	90	83	79	76	82	79	76		81	78	76		81
9	88	81	77	74	87	81	76	74	80	76	73		79	76	73		78
10	85	78	74	71	85	78	74	71	77	73	71		77	73	71		76

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	463055
5°	422715
10°	366281
15°	322204
20°	140152
25°	53689
30°	36335
35°	12287
40°	3836
45°	1178
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1178 cd/sqm

TEST NUMBER: P1426968

CATALOG NUMBER: P3A24RH9030D010 E3HY1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.1	25.5
10°-20°	349.4	51.2
20°-30°	118.5	17.4
30°-40°	36.2	5.3
40°-50°	3.8	0.6
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	642.0	94.1
0°-40°	678.3	99.4
0°-60°	682.0	100.0
0°-90°	682.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	682.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2112	
5°	1920	174
15°	1419	349
25°	222	118
35°	46	36
45°	4	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1426968

CATALOG NUMBER: P3A24RH9030D010 E3HY1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2111.7
2.5°	2065.8
5°	1920.4
7.5°	1759.7
10°	1645.0
12.5°	1541.7
15°	1419.3
17.5°	1053.9
20°	600.6
22.5°	292.7
25°	221.9
27.5°	179.8
30°	143.5
32.5°	91.8
35°	45.9
37.5°	24.9
40°	13.4
42.5°	7.7
45°	3.8
47.5°	1.9
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)