

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: P1253123

Luminaire Tested: P3AS24R459030D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253123
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R459030D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

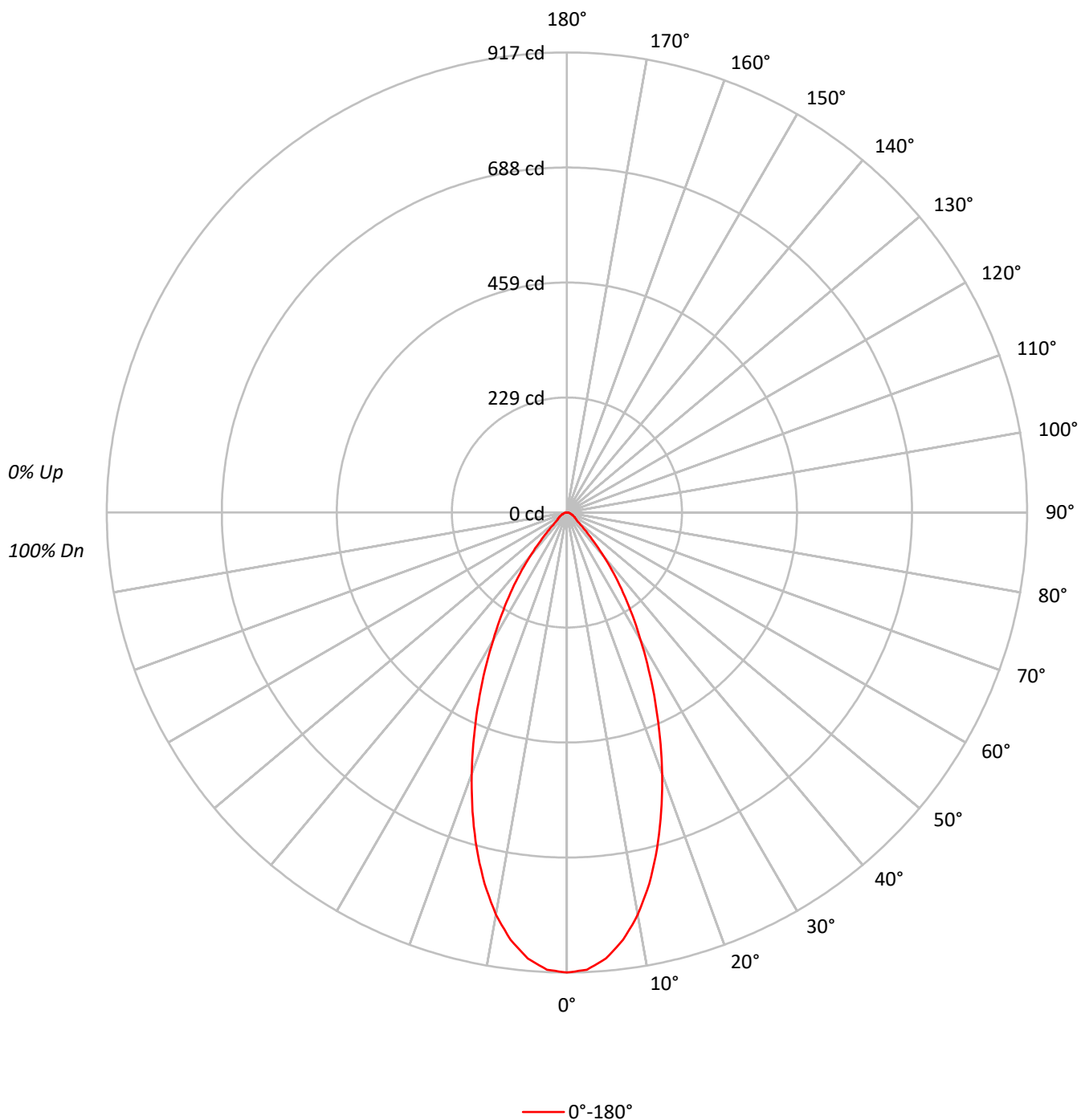
Lumens per Lamp: N/A
Luminaire Lumens: 675.0 lumens
Efficiency: N/A
Efficacy: 23.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253123

CATALOG NUMBER: P3AS24R459030D010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1253123

CATALOG NUMBER: P3AS24R459030D010 E3DLP1GPH

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	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	201058
5°	196478
10°	181248
15°	157595
20°	129465
25°	100724
30°	74391
35°	52334
40°	32661
45°	17707
50°	9586
55°	8220
60°	7368
65°	6330
70°	5386
75°	5507
80°	4672
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17707 cd/sqm

TEST NUMBER: P1253123

CATALOG NUMBER: P3AS24R459030D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.7	12.2
10°-20°	191.9	28.4
20°-30°	190.5	28.2
30°-40°	122.7	18.2
40°-50°	47.3	7.0
50°-60°	19.2	2.8
60°-70°	12.1	1.8
70°-80°	6.5	1.0
80°-90°	2.0	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°	465.1	68.9
0°-40°	587.8	87.1
0°-60°	654.3	96.9
0°-90°	675.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	675.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	917	
5°	893	83
15°	694	192
25°	416	191
35°	196	123
45°	57	47
55°	22	19
65°	12	12
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1253123

CATALOG NUMBER: P3AS24R459030D010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	916.9
2.5°	912.2
5°	892.6
7.5°	858.9
10°	814.0
12.5°	757.8
15°	694.2
17.5°	625.0
20°	554.8
22.5°	483.7
25°	416.3
27.5°	352.7
30°	293.8
32.5°	242.3
35°	195.5
37.5°	153.4
40°	114.1
42.5°	82.3
45°	57.1
47.5°	38.4
50°	28.1
52.5°	23.4
55°	21.5
57.5°	18.7
60°	16.8
62.5°	14.0
65°	12.2
67.5°	10.3
70°	8.4
72.5°	7.5
75°	6.5
77.5°	4.7
80°	3.7
82.5°	2.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)