

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: P1247352

Luminaire Tested: P3A17R459024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247352
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R459024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

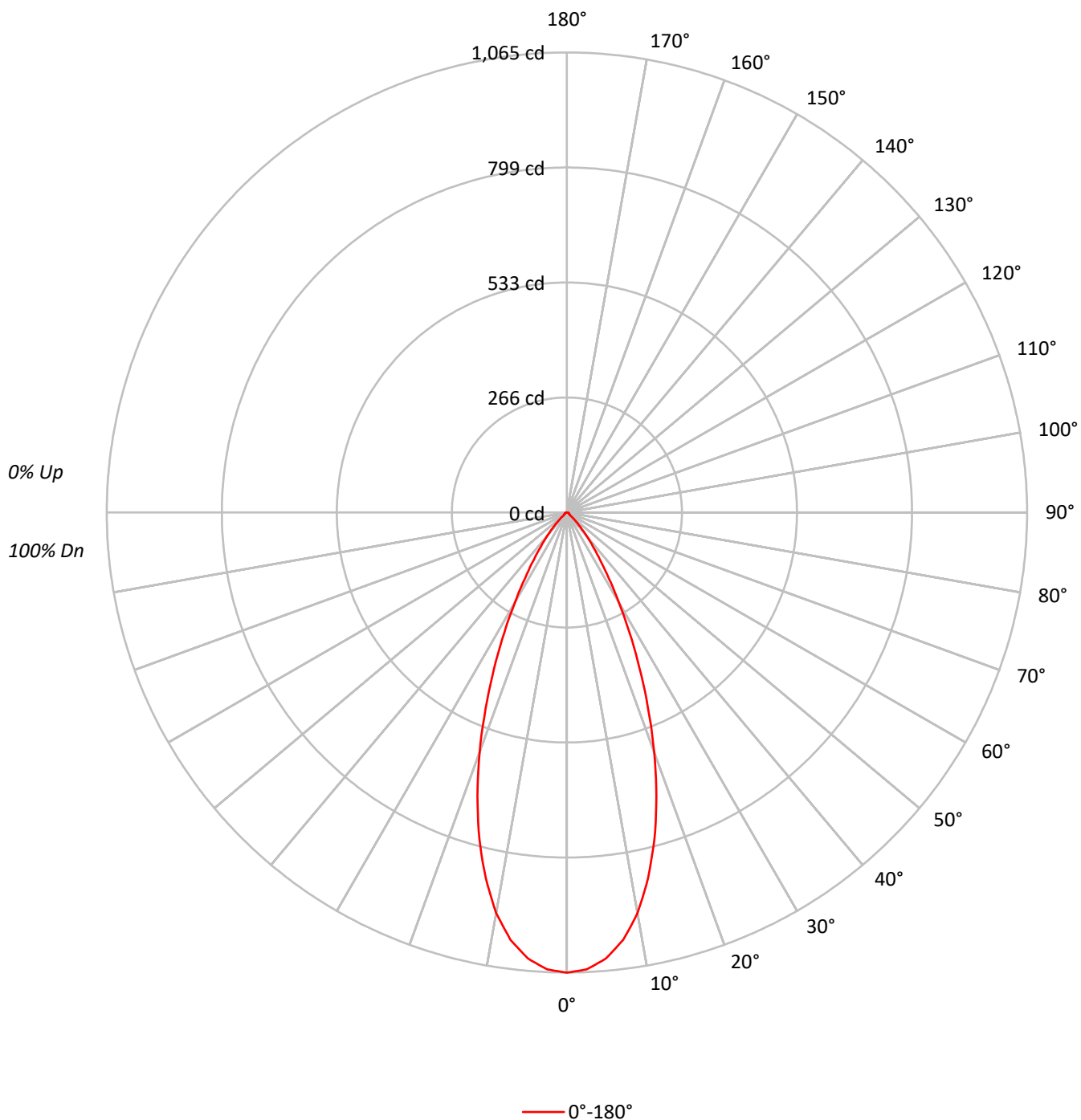
Lumens per Lamp: N/A
Luminaire Lumens: 622.0 lumens
Efficiency: N/A
Efficacy: 29.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1247352

CATALOG NUMBER: P3A17R459024DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1247352

CATALOG NUMBER: P3A17R459024DE010 E3DL1GPH

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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	76	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	64	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	233578
5°	228109
10°	209682
15°	177663
20°	137842
25°	96368
30°	60693
35°	35737
40°	20209
45°	9830
50°	3411
55°	2753
60°	2675
65°	2594
70°	2500
75°	2372
80°	2147
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9830 cd/sqm

TEST NUMBER: P1247352

CATALOG NUMBER: P3A17R459024DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.9	15.4
10°-20°	214.9	34.6
20°-30°	182.5	29.3
30°-40°	87.1	14.0
40°-50°	26.2	4.2
50°-60°	6.6	1.1
60°-70°	5.0	0.8
70°-80°	2.9	0.5
80°-90°	0.9	0.1
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°	493.3	79.3
0°-40°	580.4	93.3
0°-60°	613.3	98.6
0°-90°	622.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	622.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1065	
5°	1036	96
15°	783	215
25°	398	182
35°	134	87
45°	32	26
55°	7	7
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1247352

CATALOG NUMBER: P3A17R459024DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1065.2
2.5°	1058.5
5°	1036.3
7.5°	997.9
10°	941.7
12.5°	867.2
15°	782.6
17.5°	688.6
20°	590.7
22.5°	491.2
25°	398.3
27.5°	313.7
30°	239.7
32.5°	180.2
35°	133.5
37.5°	98.5
40°	70.6
42.5°	49.0
45°	31.7
47.5°	17.8
50°	10.0
52.5°	7.8
55°	7.2
57.5°	6.7
60°	6.1
62.5°	5.6
65°	5.0
67.5°	4.5
70°	3.9
72.5°	3.3
75°	2.8
77.5°	2.2
80°	1.7
82.5°	1.1
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)