

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: P1265490

Luminaire Tested: P3A17R459730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265490
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: P3A17R459730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

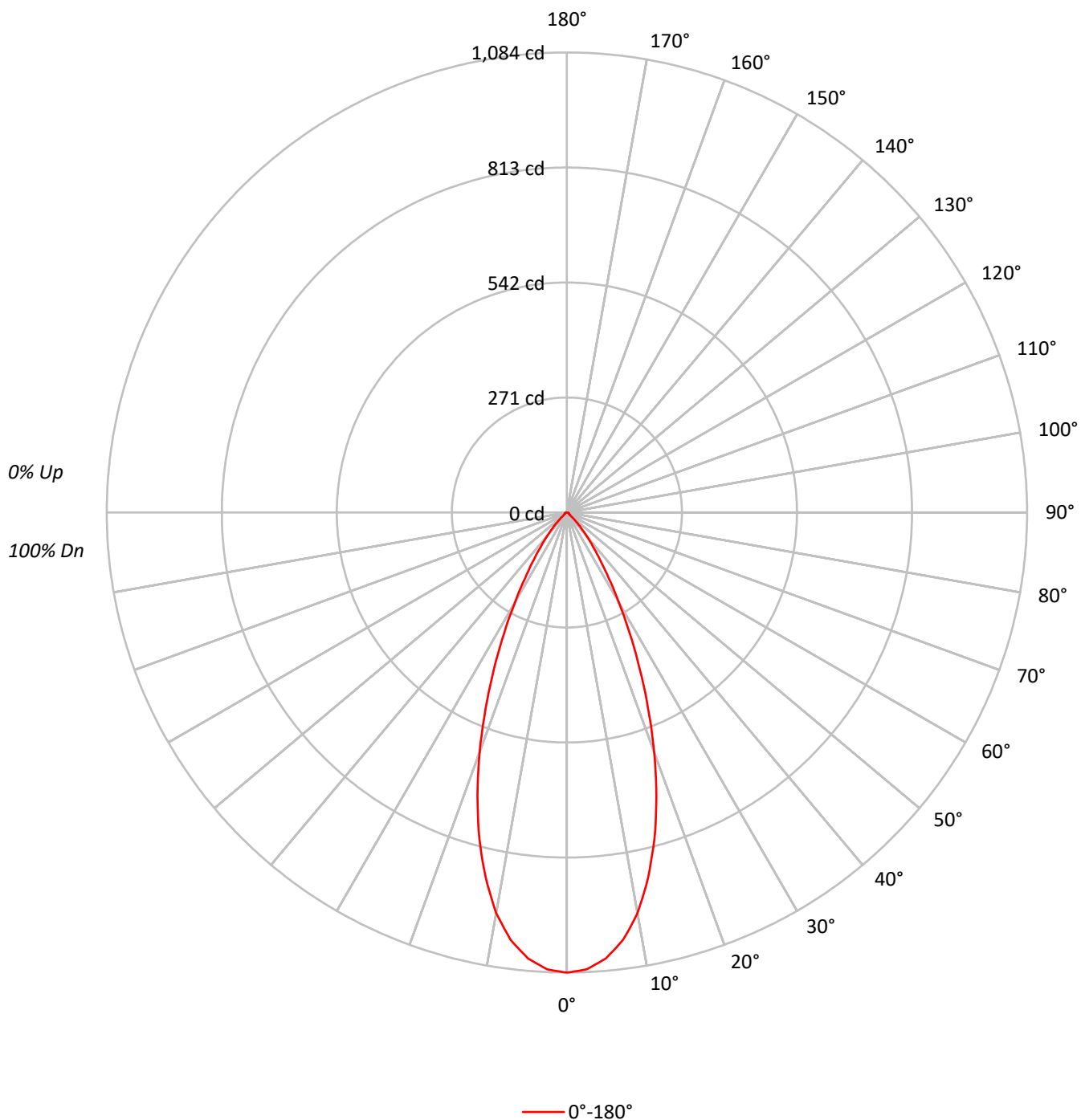
Lumens per Lamp: N/A
Luminaire Lumens: 633.0 lumens
Efficiency: N/A
Efficacy: 29.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265490

CATALOG NUMBER: P3A17R459730DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265490

CATALOG NUMBER: P3A17R459730DE010 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°	237722
5°	232137
10°	213401
15°	180818
20°	140292
25°	98062
30°	61782
35°	36379
40°	20581
45°	10017
50°	3480
55°	2829
60°	2719
65°	2646
70°	2565
75°	2372
80°	2147
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10017 cd/sqm

TEST NUMBER: P1265490

CATALOG NUMBER: P3A17R459730DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.6	15.4
10°-20°	218.7	34.6
20°-30°	185.7	29.3
30°-40°	88.6	14.0
40°-50°	26.7	4.2
50°-60°	6.8	1.1
60°-70°	5.0	0.8
70°-80°	3.0	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°	502.1	79.3
0°-40°	590.7	93.3
0°-60°	624.1	98.6
0°-90°	633.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	633.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1084	
5°	1055	98
15°	796	219
25°	405	186
35°	136	89
45°	32	27
55°	7	7
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1265490

CATALOG NUMBER: P3A17R459730DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1084.1
2.5°	1077.3
5°	1054.6
7.5°	1015.6
10°	958.4
12.5°	882.5
15°	796.5
17.5°	700.8
20°	601.2
22.5°	499.9
25°	405.3
27.5°	319.3
30°	244.0
32.5°	183.4
35°	135.9
37.5°	100.2
40°	71.9
42.5°	49.8
45°	32.3
47.5°	18.1
50°	10.2
52.5°	7.9
55°	7.4
57.5°	6.8
60°	6.2
62.5°	5.7
65°	5.1
67.5°	4.5
70°	4.0
72.5°	3.4
75°	2.8
77.5°	2.3
80°	1.7
82.5°	1.1
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)