

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: P1265589

Luminaire Tested: P3A17R609730DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265589
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R609730DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

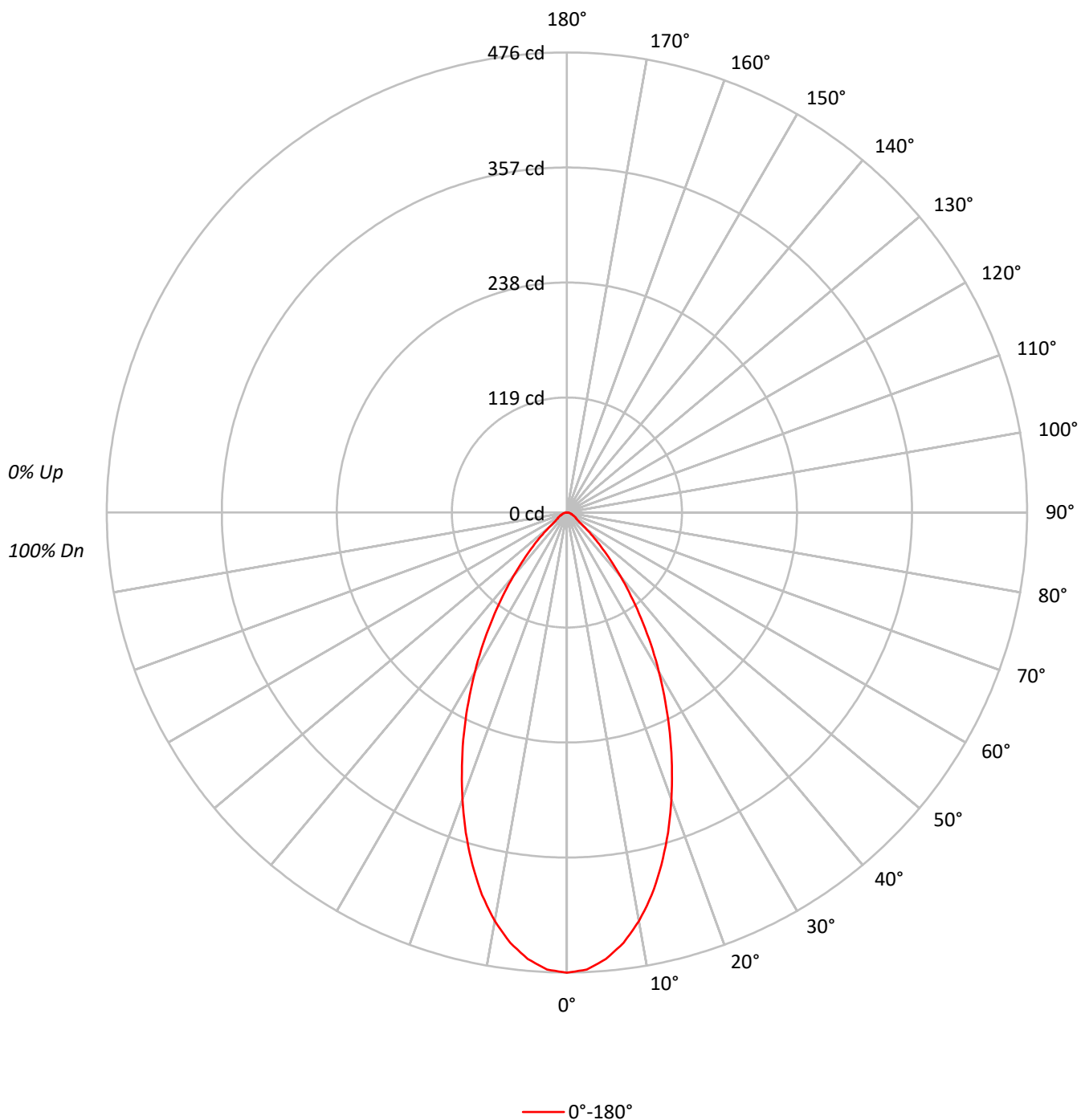
Lumens per Lamp: N/A
Luminaire Lumens: 412.0 lumens
Efficiency: N/A
Efficacy: 19.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265589

CATALOG NUMBER: P3A17R609730DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265589

CATALOG NUMBER: P3A17R609730DE010 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	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104421
5°	102069
10°	95567
15°	85721
20°	73716
25°	60971
30°	48159
35°	35764
40°	24646
45°	15443
50°	8494
55°	4970
60°	4473
65°	3840
70°	3270
75°	3389
80°	2904
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15443 cd/sqm

TEST NUMBER: P1265589

CATALOG NUMBER: P3A17R609730DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.2	10.5
10°-20°	104.9	25.5
20°-30°	115.0	27.9
30°-40°	83.8	20.3
40°-50°	39.6	9.6
50°-60°	13.0	3.1
60°-70°	7.4	1.8
70°-80°	4.0	1.0
80°-90°	1.2	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°	263.1	63.9
0°-40°	346.9	84.2
0°-60°	399.4	97.0
0°-90°	412.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	412.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	476	
5°	464	43
15°	378	105
25°	252	115
35°	134	84
45°	50	40
55°	13	13
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1265589

CATALOG NUMBER: P3A17R609730DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	476.2
2.5°	473.3
5°	463.7
7.5°	449.0
10°	429.2
12.5°	405.4
15°	377.6
17.5°	347.6
20°	315.9
22.5°	283.7
25°	252.0
27.5°	220.2
30°	190.2
32.5°	161.4
35°	133.6
37.5°	108.7
40°	86.1
42.5°	66.2
45°	49.8
47.5°	36.2
50°	24.9
52.5°	16.4
55°	13.0
57.5°	11.3
60°	10.2
62.5°	8.5
65°	7.4
67.5°	6.2
70°	5.1
72.5°	4.5
75°	4.0
77.5°	2.8
80°	2.3
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)