

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: P1265477

Luminaire Tested: P3A17R409730DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265477
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R409730DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

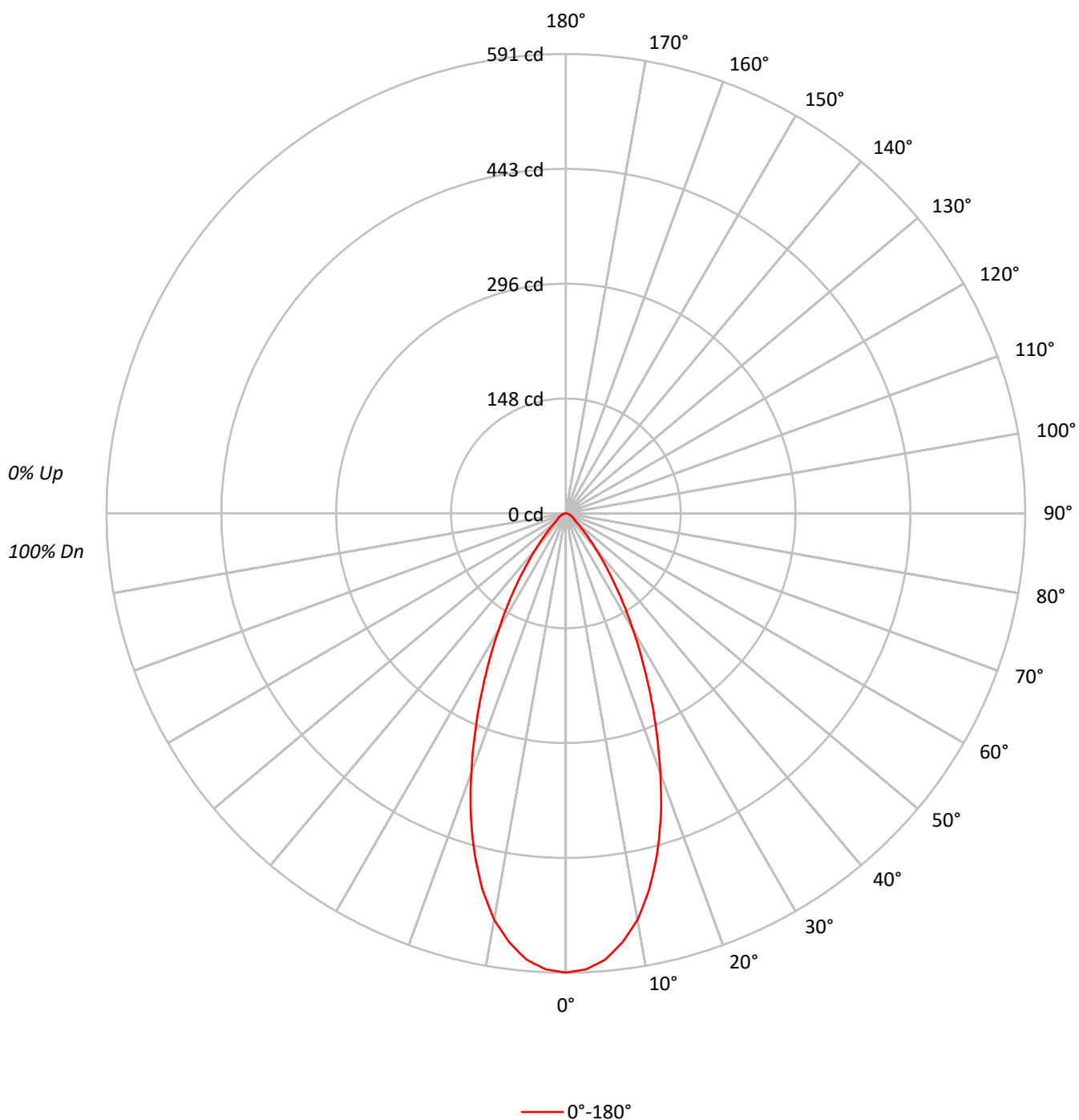
Lumens per Lamp: N/A
Luminaire Lumens: 416.0 lumens
Efficiency: N/A
Efficacy: 19.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265477

CATALOG NUMBER: P3A17R409730DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265477

CATALOG NUMBER: P3A17R409730DE010 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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	129529
5°	126920
10°	118167
15°	102997
20°	83004
25°	62205
30°	43728
35°	28643
40°	17347
45°	10358
50°	6175
55°	4970
60°	4473
65°	3840
70°	3654
75°	2881
80°	2904
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 10358 cd/sqm

TEST NUMBER: P1265477

CATALOG NUMBER: P3A17R409730DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.5	12.9
10°-20°	125.0	30.0
20°-30°	117.7	28.3
30°-40°	68.1	16.4
40°-50°	27.1	6.5
50°-60°	12.0	2.9
60°-70°	7.4	1.8
70°-80°	3.9	0.9
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°	296.2	71.2
0°-40°	364.3	87.6
0°-60°	403.4	97.0
0°-90°	416.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	416.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	591	
5°	577	54
15°	454	125
25°	257	118
35°	107	68
45°	33	27
55°	13	12
65°	7	7
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1265477

CATALOG NUMBER: P3A17R409730DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	590.7
2.5°	587.3
5°	576.6
7.5°	556.7
10°	530.7
12.5°	495.6
15°	453.7
17.5°	406.6
20°	355.7
22.5°	304.7
25°	257.1
27.5°	213.0
30°	172.7
32.5°	137.6
35°	107.0
37.5°	81.0
40°	60.6
42.5°	45.3
45°	33.4
47.5°	24.4
50°	18.1
52.5°	14.7
55°	13.0
57.5°	11.9
60°	10.2
62.5°	8.5
65°	7.4
67.5°	6.2
70°	5.7
72.5°	4.5
75°	3.4
77.5°	2.8
80°	2.3
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)