

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: P1265502

Luminaire Tested: P3A17R459730DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265502
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: P3A17R459730DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

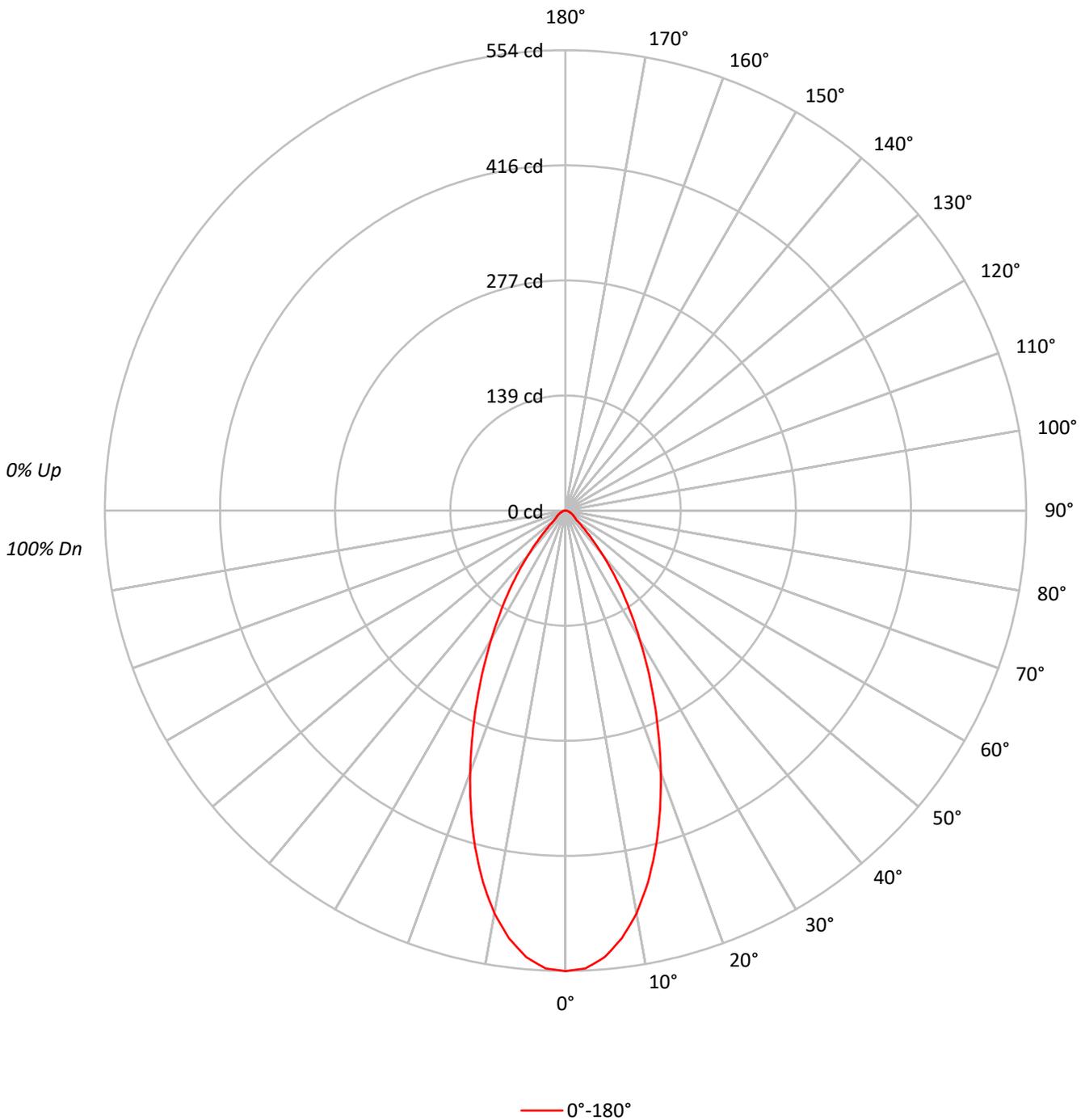
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 408.0 lumens
Efficiency: N/A
Efficacy: 19.2 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): 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: P1265502
CATALOG NUMBER: P3A17R459730DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1265502

CATALOG NUMBER: P3A17R459730DE010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86				86
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79				79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74				74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69				69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64				64
7	83	73	67	63	81	72	67	62	71	66	62	70	65	62	69	65	61	60				60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56				56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53				53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50				50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	121525
5°	118754
10°	109550
15°	95256
20°	78267
25°	60899
30°	44969
35°	31641
40°	19751
45°	10699
50°	5799
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: 10699 cd/sqm



TEST NUMBER: P1265502
 CATALOG NUMBER: P3A17R459730DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.0	12.2
10°-20°	116.0	28.4
20°-30°	115.2	28.2
30°-40°	74.2	18.2
40°-50°	28.6	7.0
50°-60°	11.6	2.8
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°	281.1	68.9
0°-40°	355.3	87.1
0°-60°	395.5	96.9
0°-90°	408.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	408.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	554	
5°	540	50
15°	420	116
25°	252	115
35°	118	74
45°	34	29
55°	13	12
65°	7	7
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P1265502
CATALOG NUMBER: P3A17R459730DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	554.2
2.5°	551.4
5°	539.5
7.5°	519.1
10°	492.0
12.5°	458.1
15°	419.6
17.5°	377.8
20°	335.4
22.5°	292.4
25°	251.7
27.5°	213.2
30°	177.6
32.5°	146.5
35°	118.2
37.5°	92.7
40°	69.0
42.5°	49.8
45°	34.5
47.5°	23.2
50°	17.0
52.5°	14.1
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)