

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: P1273477

Luminaire Tested: P3A05R559830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273477
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R559830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

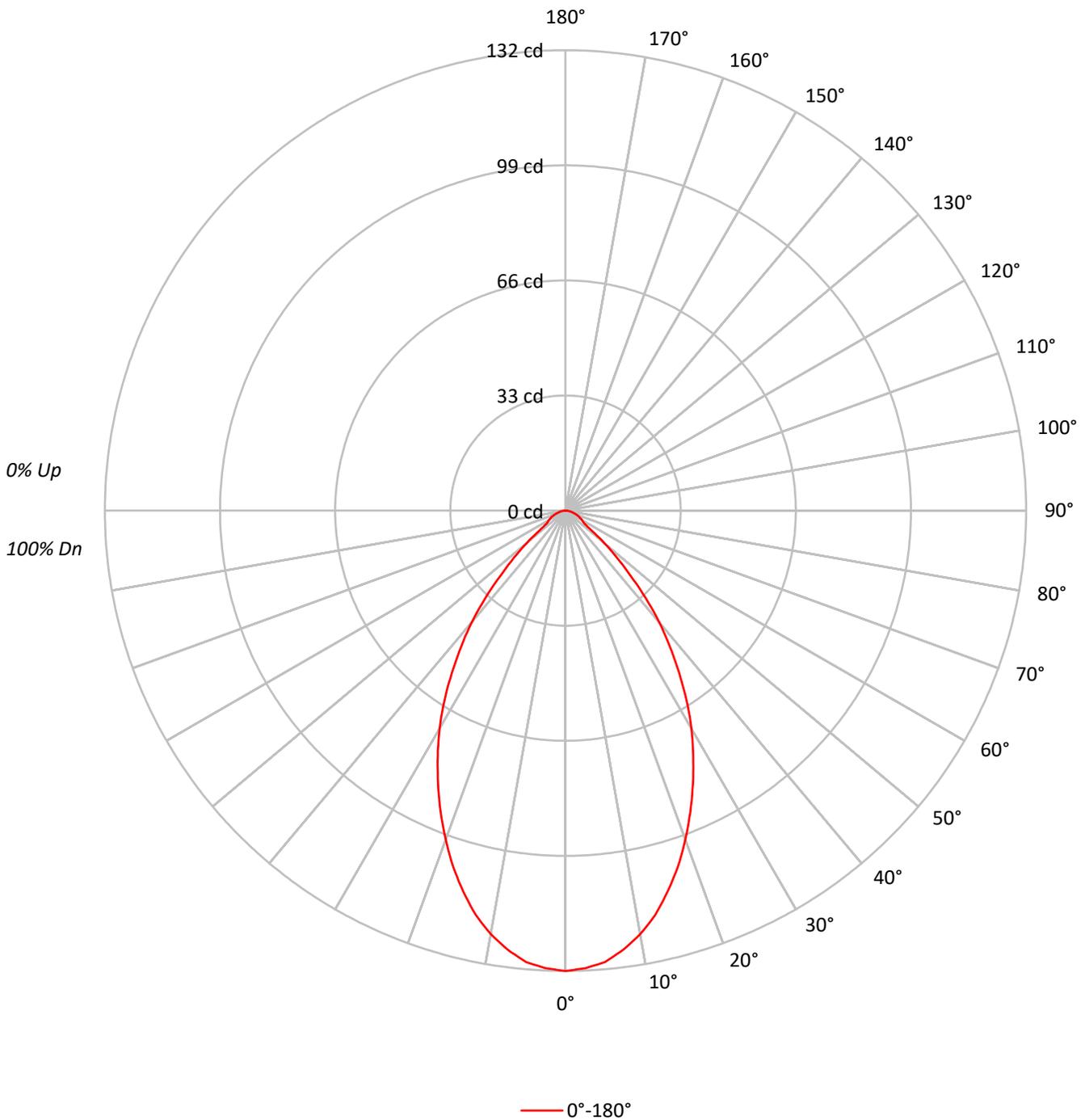
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 154.0 lumens
Efficiency: N/A
Efficacy: 21.4 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1273477
CATALOG NUMBER: P3A05R559830DE010 E3DLD1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1273477

CATALOG NUMBER: P3A05R559830DE010 E3DLD1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91			91
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			82
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			74
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			68
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			62
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			52
8	73	62	55	51	72	62	55	51	60	54	50	59	54	50	58	53	50	48			48
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			45
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	28945
5°	28593
10°	27454
15°	25676
20°	23429
25°	20904
30°	18281
35°	15178
40°	11965
45°	8125
50°	4981
55°	2561
60°	2412
65°	2283
70°	2116
75°	1864
80°	1894
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8125 cd/sqm



TEST NUMBER: P1273477
 CATALOG NUMBER: P3A05R559830DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.2	7.9
10°-20°	31.6	20.5
20°-30°	39.6	25.7
30°-40°	35.3	22.9
40°-50°	20.7	13.4
50°-60°	7.2	4.7
60°-70°	4.3	2.8
70°-80°	2.4	1.6
80°-90°	0.7	0.5
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°	83.4	54.1
0°-40°	118.7	77.1
0°-60°	146.6	95.2
0°-90°	154.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	154.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	132	
5°	130	12
15°	113	32
25°	86	40
35°	57	35
45°	26	21
55°	7	7
65°	4	4
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1273477

CATALOG NUMBER: P3A05R559830DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	132.0
2.5°	131.3
5°	129.9
7.5°	127.0
10°	123.3
12.5°	118.8
15°	113.1
17.5°	107.1
20°	100.4
22.5°	93.5
25°	86.4
27.5°	79.3
30°	72.2
32.5°	64.6
35°	56.7
37.5°	49.1
40°	41.8
42.5°	34.0
45°	26.2
47.5°	20.0
50°	14.6
52.5°	9.5
55°	6.7
57.5°	6.0
60°	5.5
62.5°	4.9
65°	4.4
67.5°	3.8
70°	3.3
72.5°	2.7
75°	2.2
77.5°	1.8
80°	1.5
82.5°	0.9
85°	0.5
87.5°	0.4
90°	0.0

(END OF REPORT)