

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: P1266741

Luminaire Tested: P3A05R459735DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266741
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R459735DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

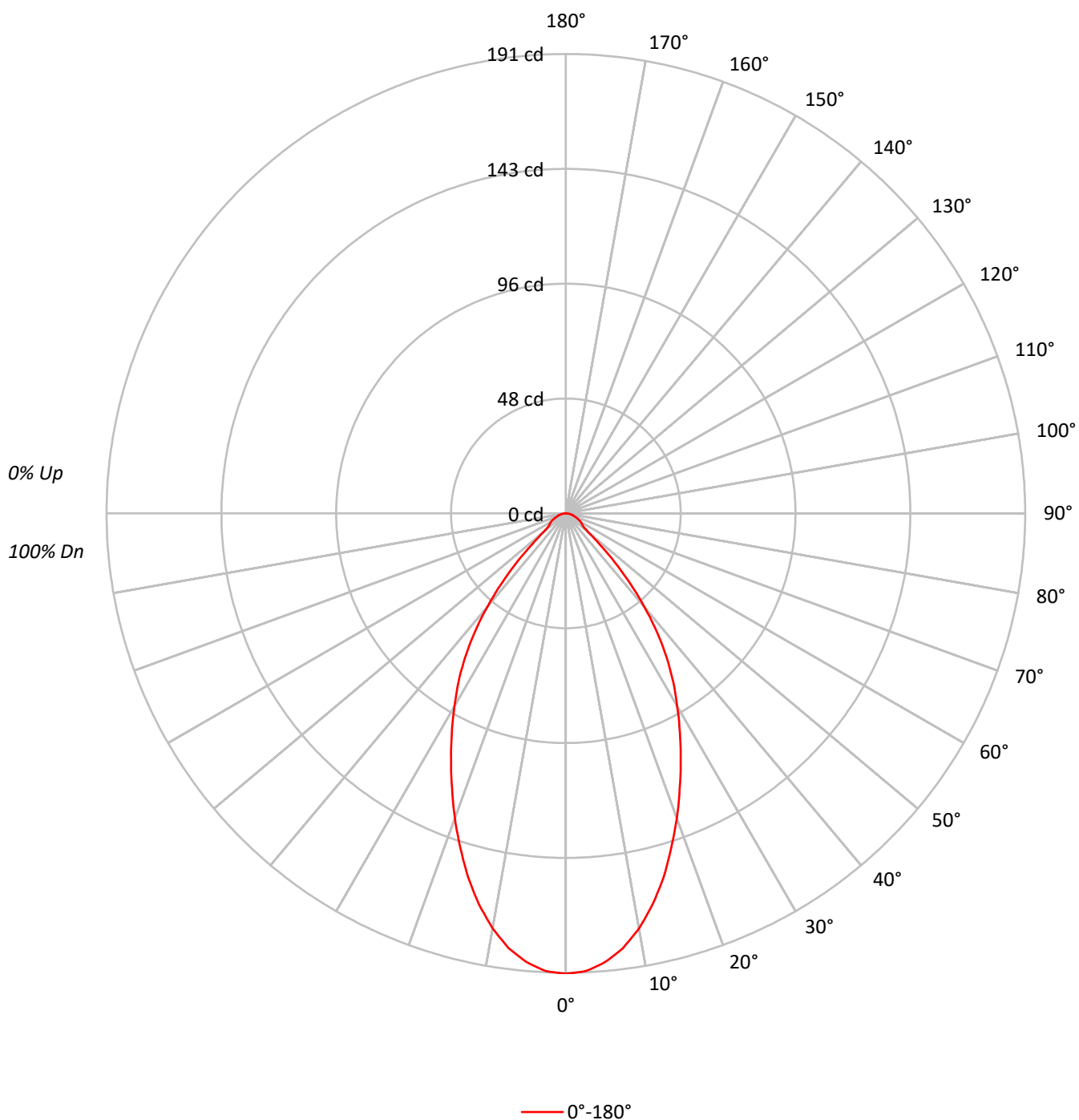
Lumens per Lamp: N/A
Luminaire Lumens: 198.1 lumens
Efficiency: N/A
Efficacy: 27.5 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1266741

CATALOG NUMBER: P3A05R459735DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1266741

CATALOG NUMBER: P3A05R459735DE010 E3DLD1GPH

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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	41970
5°	41228
10°	39011
15°	35596
20°	31479
25°	27340
30°	23447
35°	19542
40°	14570
45°	8931
50°	4128
55°	3211
60°	3114
65°	2854
70°	2629
75°	2542
80°	2273
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8931 cd/sqm

TEST NUMBER: P1266741

CATALOG NUMBER: P3A05R459735DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.5	8.8
10°-20°	43.6	22.0
20°-30°	51.9	26.2
30°-40°	45.1	22.7
40°-50°	22.6	11.4
50°-60°	7.9	4.0
60°-70°	5.5	2.8
70°-80°	3.1	1.6
80°-90°	1.0	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°	113.0	57.1
0°-40°	158.1	79.8
0°-60°	188.5	95.2
0°-90°	198.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	198.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	191	
5°	187	17
15°	157	44
25°	113	52
35°	73	45
45°	29	23
55°	8	8
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1266741

CATALOG NUMBER: P3A05R459735DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	191.4
2.5°	190.5
5°	187.3
7.5°	182.3
10°	175.2
12.5°	166.6
15°	156.8
17.5°	145.8
20°	134.9
22.5°	123.7
25°	113.0
27.5°	102.7
30°	92.6
32.5°	83.1
35°	73.0
37.5°	62.3
40°	50.9
42.5°	39.7
45°	28.8
47.5°	18.9
50°	12.1
52.5°	9.4
55°	8.4
57.5°	7.8
60°	7.1
62.5°	6.4
65°	5.5
67.5°	4.8
70°	4.1
72.5°	3.4
75°	3.0
77.5°	2.3
80°	1.8
82.5°	1.4
85°	0.7
87.5°	0.5
90°	0.0

(END OF REPORT)