

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: P1264311

Luminaire Tested: P3A05R359730DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264311
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R359730DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

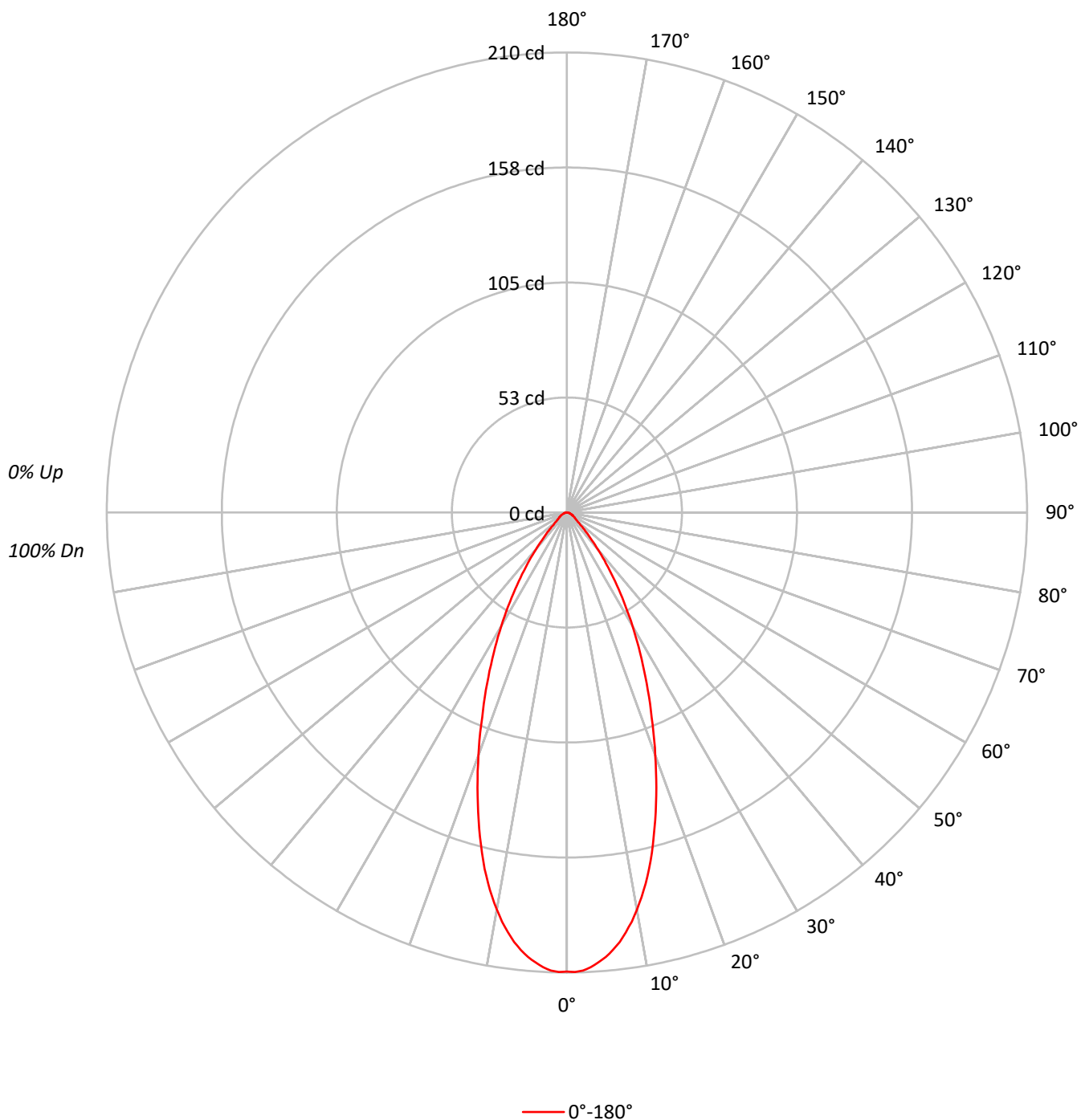
Lumens per Lamp: N/A
Luminaire Lumens: 143.0 lumens
Efficiency: N/A
Efficacy: 19.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264311

CATALOG NUMBER: P3A05R359730DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1264311

CATALOG NUMBER: P3A05R359730DE010 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	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		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	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45961
5°	44838
10°	40992
15°	34779
20°	27536
25°	20832
30°	15167
35°	10253
40°	6298
45°	3628
50°	2183
55°	1759
60°	1535
65°	1349
70°	1154
75°	1101
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3628 cd/sqm

TEST NUMBER: P1264311

CATALOG NUMBER: P3A05R359730DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.8	13.2
10°-20°	42.2	29.5
20°-30°	39.5	27.6
30°-40°	24.2	16.9
40°-50°	9.6	6.7
50°-60°	4.2	2.9
60°-70°	2.6	1.8
70°-80°	1.4	1.0
80°-90°	0.5	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°	100.6	70.3
0°-40°	124.8	87.3
0°-60°	138.5	96.9
0°-90°	143.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	143.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	210	
5°	204	19
15°	153	42
25°	86	40
35°	38	24
45°	12	10
55°	5	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1264311

CATALOG NUMBER: P3A05R359730DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	209.6
1°	209.8
2°	209.2
3°	207.9
4°	205.9
5°	203.7
6°	200.8
7°	197.5
8°	193.5
9°	189.1
10°	184.1
11°	178.8
12°	173.1
13°	166.9
14°	160.1
15°	153.2
17.5°	135.6
20°	118.0
22.5°	101.1
25°	86.1
27.5°	72.2
30°	59.9
32.5°	48.4
35°	38.3
37.5°	29.3
40°	22.0
42.5°	15.9
45°	11.7
47.5°	8.4
50°	6.4
52.5°	5.3
55°	4.6
57.5°	4.0
60°	3.5
62.5°	3.1
65°	2.6
67.5°	2.2
70°	1.8
72.5°	1.5
75°	1.3
77.5°	1.1
80°	0.9
82.5°	0.7
85°	0.4
87.5°	0.2



TEST NUMBER: P1264311

CATALOG NUMBER: P3A05R359730DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)