

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: P1264003

Luminaire Tested: P3A02R559730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264003
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R559730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

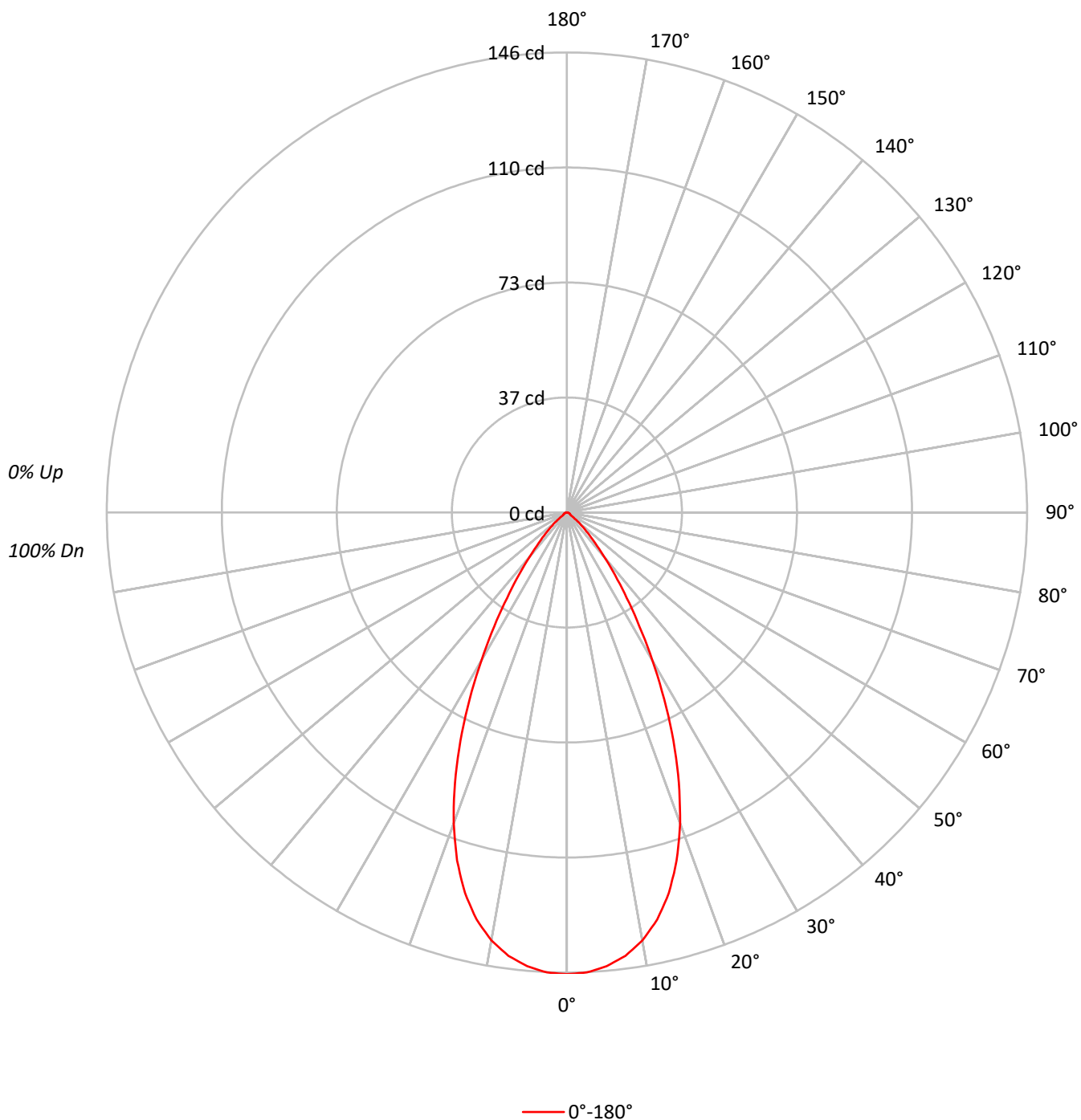
Lumens per Lamp: N/A
Luminaire Lumens: 117.0 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1264003

CATALOG NUMBER: P3A02R559730DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1264003

CATALOG NUMBER: P3A02R559730DE010 E3DL1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	111	108	106		111	108	106	104		104	103	101		101	99	98		97	96	95
2	108	103	99	95		106	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	95	90	86		92	88	85		89	86	84		87	85	82
4	97	90	84	80		95	89	83	79		86	82	78		84	81	78		82	79	77
5	92	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		86	78	73	68		77	72	68		75	71	68		74	70	67
7	84	74	68	64		82	74	68	64		72	67	64		71	67	63		70	66	63
8	80	70	64	60		78	70	64	60		69	63	60		67	63	60		67	62	59
9	76	66	61	57		75	66	60	56		65	60	56		64	59	56		63	59	56
10	73	63	57	53		72	62	57	53		62	57	53		61	56	53		60	56	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	32125
5°	31807
10°	30705
15°	28377
20°	24502
25°	19356
30°	13724
35°	8861
40°	5324
45°	3008
50°	1603
55°	573
60°	526
65°	519
70°	513
75°	424
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3008 cd/sqm

TEST NUMBER: P1264003

CATALOG NUMBER: P3A02R559730DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.6	11.6
10°-20°	34.6	29.5
20°-30°	36.2	31.0
30°-40°	21.1	18.1
40°-50°	7.9	6.8
50°-60°	1.9	1.6
60°-70°	1.0	0.8
70°-80°	0.5	0.5
80°-90°	0.1	0.1
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°	84.4	72.1
0°-40°	105.5	90.2
0°-60°	115.3	98.6
0°-90°	117.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	117.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	146	
5°	144	14
15°	125	35
25°	80	36
35°	33	21
45°	10	8
55°	2	2
65°	1	1
75°	0	1
85°	0	0
90°	0	



TEST NUMBER: P1264003

CATALOG NUMBER: P3A02R559730DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	146.5
2.5°	146.1
5°	144.5
7.5°	141.9
10°	137.9
12.5°	132.3
15°	125.0
17.5°	115.8
20°	105.0
22.5°	92.8
25°	80.0
27.5°	66.8
30°	54.2
32.5°	42.8
35°	33.1
37.5°	25.1
40°	18.6
42.5°	13.3
45°	9.7
47.5°	7.0
50°	4.7
52.5°	2.7
55°	1.5
57.5°	1.3
60°	1.2
62.5°	1.1
65°	1.0
67.5°	0.9
70°	0.8
72.5°	0.6
75°	0.5
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)