

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: P1264015

Luminaire Tested: P3A02R559730DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264015
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R559730DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

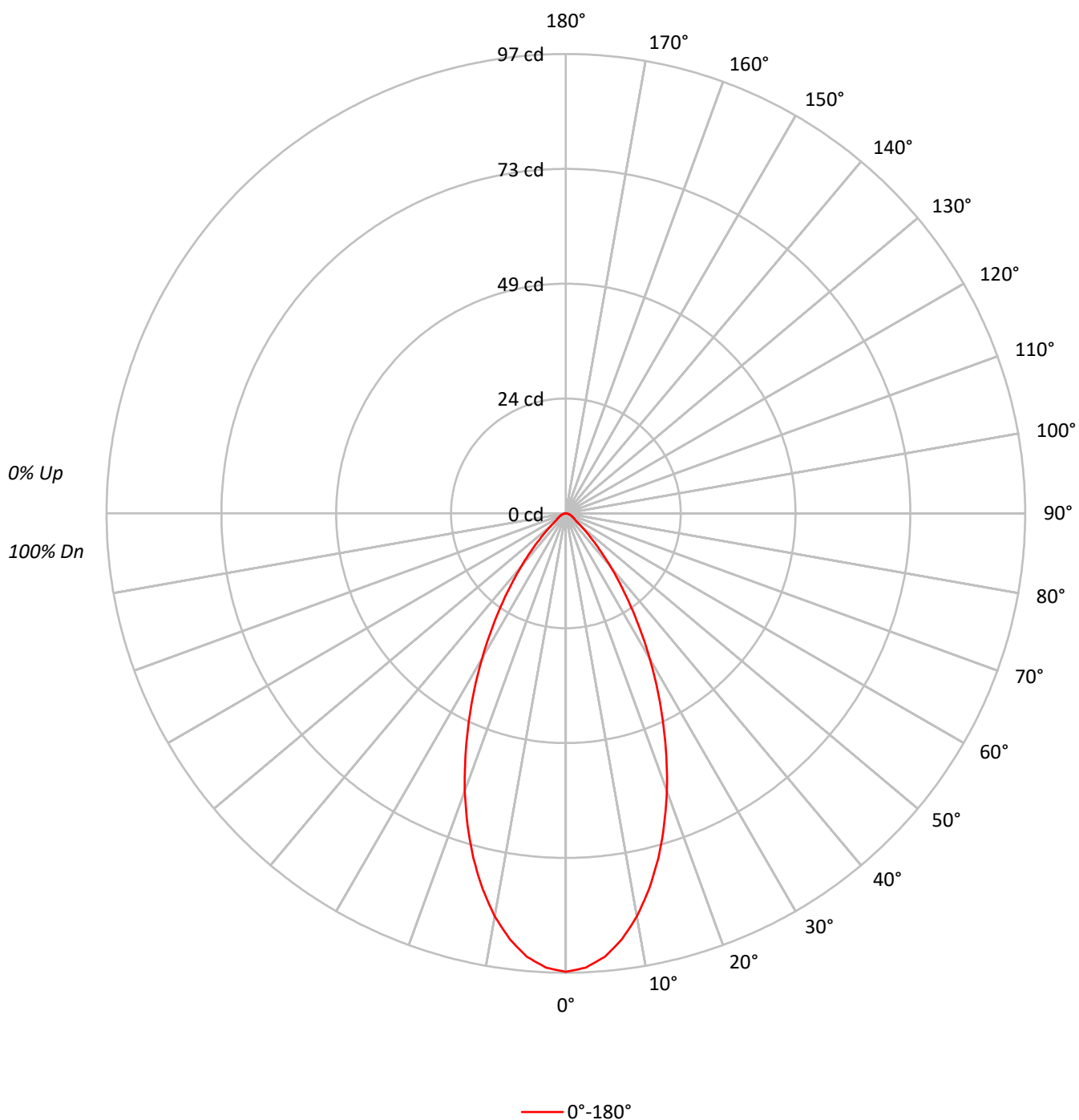
Lumens per Lamp: N/A
Luminaire Lumens: 78.0 lumens
Efficiency: N/A
Efficacy: 21.7 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264015

CATALOG NUMBER: P3A02R559730DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1264015

CATALOG NUMBER: P3A02R559730DE010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	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		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		85
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		79
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		67
6	86	77	70	66	85	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		59
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		55
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		52
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	21226
5°	20691
10°	19238
15°	17117
20°	14561
25°	11735
30°	8963
35°	6371
40°	4208
45°	2481
50°	1467
55°	918
60°	789
65°	726
70°	641
75°	508
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2481 cd/sqm

TEST NUMBER: P1264015

CATALOG NUMBER: P3A02R559730DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	11.2
10°-20°	20.9	26.8
20°-30°	22.2	28.4
30°-40°	15.0	19.2
40°-50°	6.6	8.4
50°-60°	2.3	3.0
60°-70°	1.4	1.8
70°-80°	0.7	0.9
80°-90°	0.2	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°	51.8	66.4
0°-40°	66.8	85.6
0°-60°	75.7	97.0
0°-90°	78.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	78.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	97	
5°	94	9
15°	75	21
25°	48	22
35°	24	15
45°	8	7
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1264015

CATALOG NUMBER: P3A02R559730DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	96.8
2.5°	96.0
5°	94.0
7.5°	90.7
10°	86.4
12.5°	81.2
15°	75.4
17.5°	69.0
20°	62.4
22.5°	55.4
25°	48.5
27.5°	41.8
30°	35.4
32.5°	29.3
35°	23.8
37.5°	18.9
40°	14.7
42.5°	11.0
45°	8.0
47.5°	5.9
50°	4.3
52.5°	3.0
55°	2.4
57.5°	2.1
60°	1.8
62.5°	1.6
65°	1.4
67.5°	1.2
70°	1.0
72.5°	0.9
75°	0.6
77.5°	0.5
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)