

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: P1273196

Luminaire Tested: P3A02R659830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273196
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R659830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

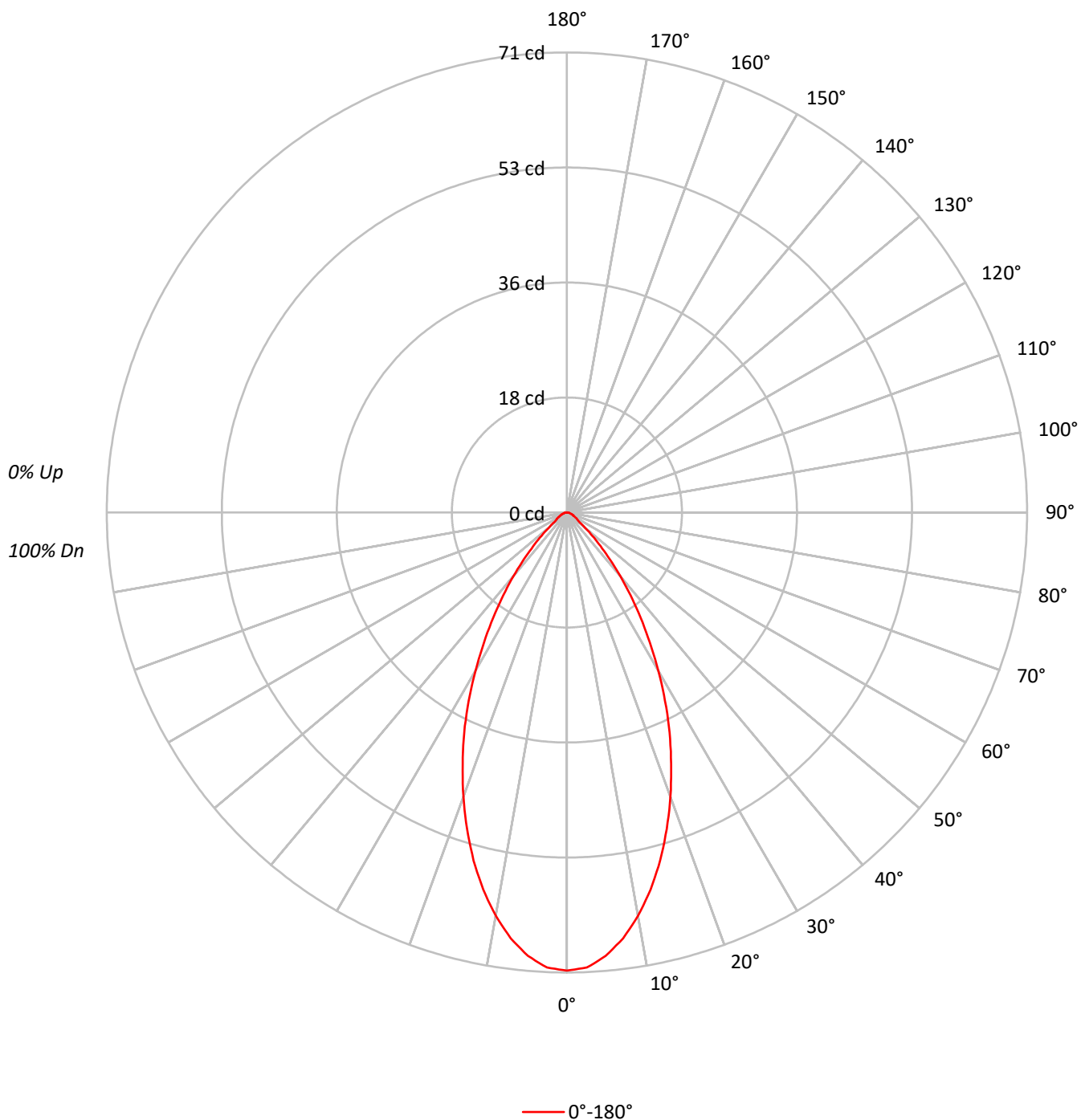
Lumens per Lamp: N/A
Luminaire Lumens: 61.0 lumens
Efficiency: N/A
Efficacy: 17.0 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1273196

CATALOG NUMBER: P3A02R659830DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1273196

CATALOG NUMBER: P3A02R659830DE010 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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	64	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	63	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	15503
5°	15122
10°	14072
15°	12622
20°	10898
25°	9073
30°	7140
35°	5300
40°	3664
45°	2264
50°	1228
55°	765
60°	658
65°	571
70°	513
75°	424
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2264 cd/sqm

TEST NUMBER: P1273196

CATALOG NUMBER: P3A02R659830DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.4	10.5
10°-20°	15.4	25.3
20°-30°	17.1	28.0
30°-40°	12.4	20.3
40°-50°	5.8	9.5
50°-60°	2.0	3.2
60°-70°	1.1	1.8
70°-80°	0.6	1.0
80°-90°	0.2	0.4
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°	38.9	63.7
0°-40°	51.3	84.1
0°-60°	59.1	96.8
0°-90°	61.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	61.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	71	
5°	69	6
15°	56	15
25°	38	17
35°	20	12
45°	7	6
55°	2	2
65°	1	1
75°	0	1
85°	0	0
90°	0	

TEST NUMBER: P1273196

CATALOG NUMBER: P3A02R659830DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	70.7
2.5°	70.3
5°	68.7
7.5°	66.3
10°	63.2
12.5°	59.6
15°	55.6
17.5°	51.2
20°	46.7
22.5°	42.0
25°	37.5
27.5°	32.8
30°	28.2
32.5°	23.8
35°	19.8
37.5°	16.1
40°	12.8
42.5°	9.8
45°	7.3
47.5°	5.3
50°	3.6
52.5°	2.5
55°	2.0
57.5°	1.8
60°	1.5
62.5°	1.3
65°	1.1
67.5°	1.0
70°	0.8
72.5°	0.7
75°	0.5
77.5°	0.4
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)