

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: P1264066

Luminaire Tested: P3A02R659730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264066
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R659730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

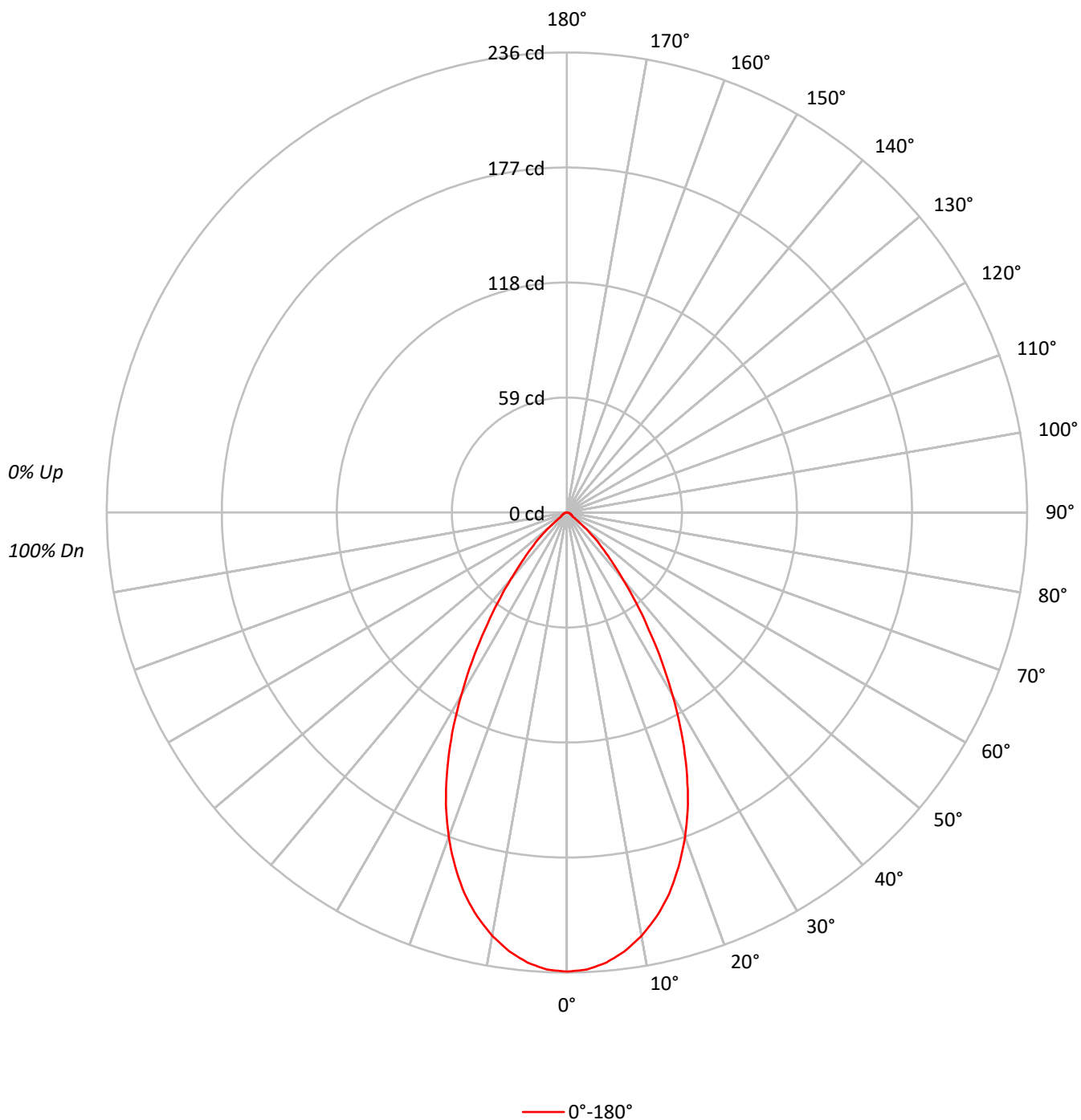
Lumens per Lamp: N/A
Luminaire Lumens: 219.0 lumens
Efficiency: N/A
Efficacy: 60.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264066

CATALOG NUMBER: P3A02R659730DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1264066

CATALOG NUMBER: P3A02R659730DE010 E3DL1WMH

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	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	51641
5°	51023
10°	49097
15°	45993
20°	41350
25°	35131
30°	27473
35°	19568
40°	12795
45°	7908
50°	4025
55°	1415
60°	1228
65°	1245
70°	1090
75°	1101
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7908 cd/sqm

TEST NUMBER: P1264066

CATALOG NUMBER: P3A02R659730DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.8	9.9
10°-20°	56.4	25.7
20°-30°	65.9	30.1
30°-40°	46.0	21.0
40°-50°	20.3	9.2
50°-60°	4.5	2.1
60°-70°	2.3	1.0
70°-80°	1.4	0.6
80°-90°	0.5	0.2
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°	144.0	65.8
0°-40°	190.1	86.8
0°-60°	214.9	98.1
0°-90°	219.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	219.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	236	
5°	232	22
15°	203	56
25°	145	66
35°	73	46
45°	26	20
55°	4	5
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1264066

CATALOG NUMBER: P3A02R659730DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	235.5
2.5°	234.7
5°	231.8
7.5°	227.0
10°	220.5
12.5°	212.4
15°	202.6
17.5°	190.6
20°	177.2
22.5°	162.2
25°	145.2
27.5°	127.3
30°	108.5
32.5°	90.4
35°	73.1
37.5°	58.1
40°	44.7
42.5°	33.8
45°	25.5
47.5°	18.8
50°	11.8
52.5°	6.1
55°	3.7
57.5°	3.3
60°	2.8
62.5°	2.6
65°	2.4
67.5°	2.0
70°	1.7
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
90°	0.0

(END OF REPORT)