

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: P1263616

Luminaire Tested: P3A20R659727D010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263616
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R659727D010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

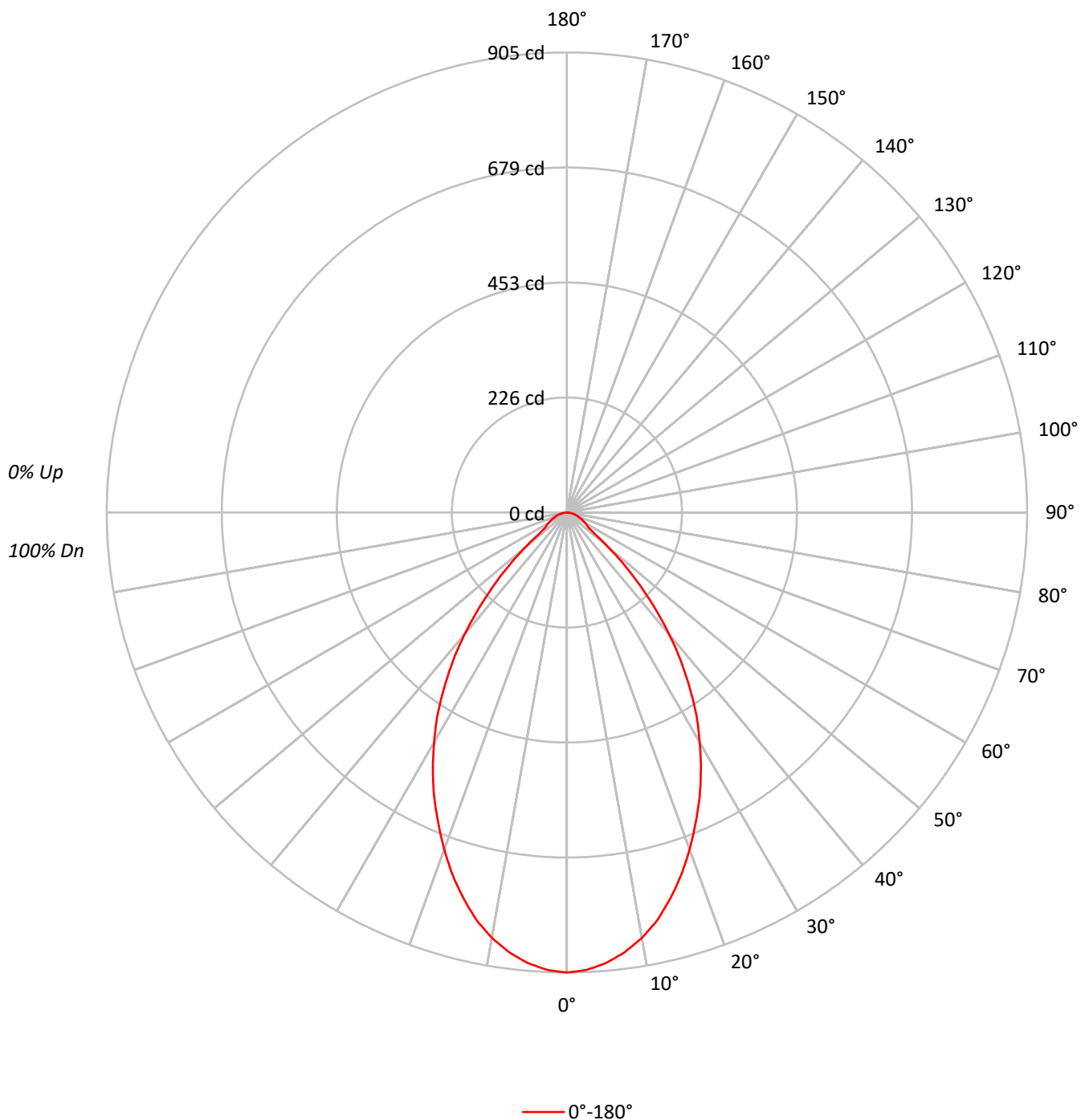
Lumens per Lamp: N/A
Luminaire Lumens: 1115.0 lumens
Efficiency: N/A
Efficacy: 38.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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

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Luminous Intensity Polar Plot



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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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	198427
5°	195751
10°	189175
15°	178412
20°	164561
25°	149380
30°	132299
35°	112591
40°	89568
45°	63231
50°	36707
55°	20033
60°	18639
65°	16915
70°	15451
75°	14403
80°	12502
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 63231 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.6	7.5
10°-20°	219.9	19.7
20°-30°	282.6	25.3
30°-40°	261.4	23.4
40°-50°	157.8	14.2
50°-60°	53.8	4.8
60°-70°	32.4	2.9
70°-80°	18.3	1.6
80°-90°	5.2	0.5
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°	586.1	52.6
0°-40°	847.5	76.0
0°-60°	1059.1	95.0
0°-90°	1115.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1115.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	905	
5°	889	84
15°	786	220
25°	617	283
35°	421	261
45°	204	158
55°	52	54
65°	33	32
75°	17	18
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	904.9
2.5°	900.6
5°	889.3
7.5°	872.3
10°	849.6
12.5°	821.3
15°	785.9
17.5°	747.7
20°	705.2
22.5°	661.3
25°	617.4
27.5°	570.7
30°	522.5
32.5°	474.4
35°	420.6
37.5°	368.2
40°	312.9
42.5°	257.7
45°	203.9
47.5°	154.4
50°	107.6
52.5°	68.0
55°	52.4
57.5°	46.7
60°	42.5
62.5°	36.8
65°	32.6
67.5°	28.3
70°	24.1
72.5°	21.2
75°	17.0
77.5°	14.2
80°	9.9
82.5°	7.1
85°	4.2
87.5°	2.8
90°	0.0

(END OF REPORT)