

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: P1263320

Luminaire Tested: P3A20R159727D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263320
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R159727D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

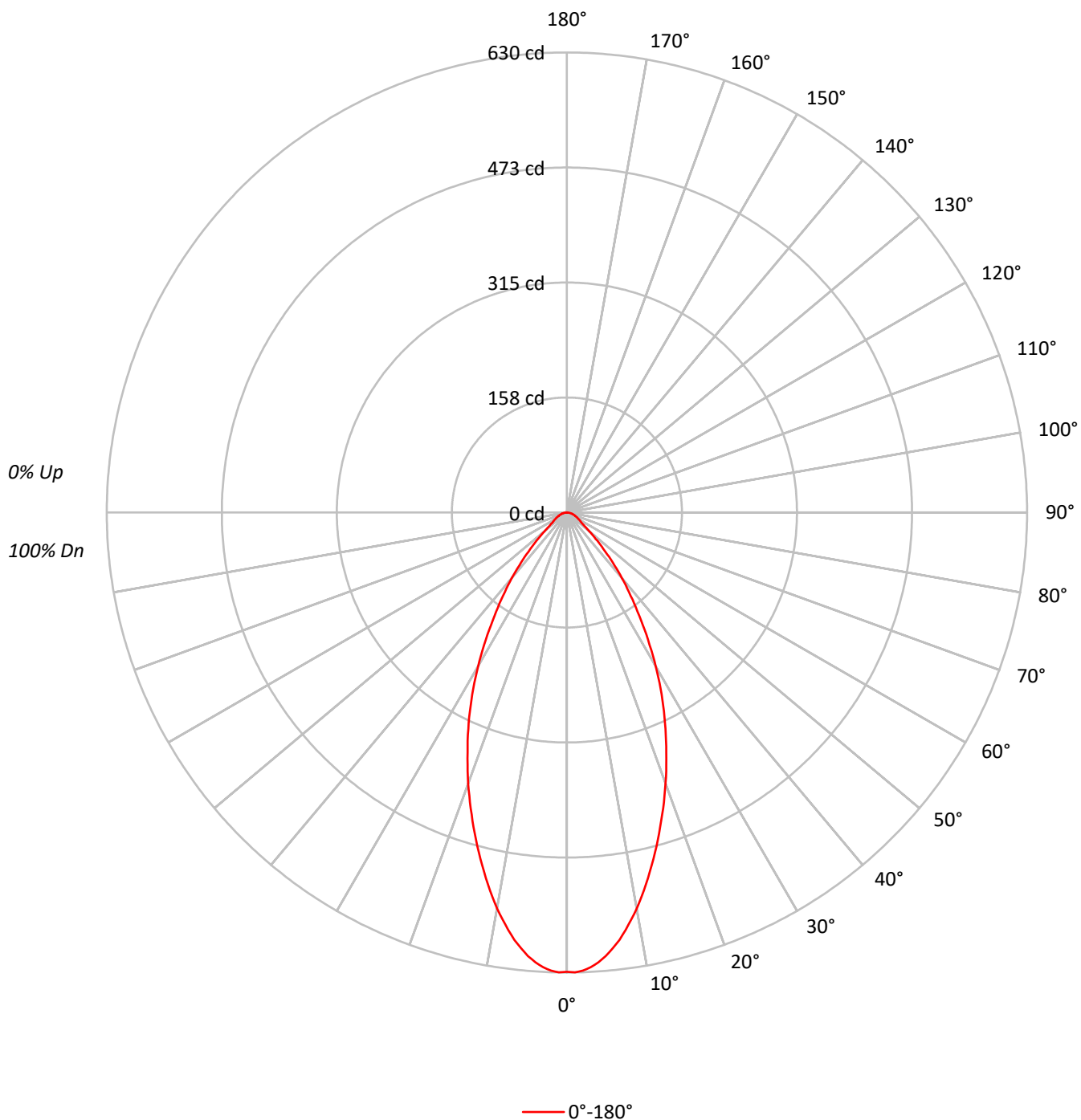
Lumens per Lamp: N/A
Luminaire Lumens: 547.0 lumens
Efficiency: N/A
Efficacy: 19.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1263320

CATALOG NUMBER: P3A20R159727D010 E3DLD1GPH

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	137971
5°	134228
10°	122665
15°	107447
20°	92175
25°	76964
30°	61579
35°	46177
40°	33520
45°	21925
50°	13714
55°	9290
60°	8201
65°	7575
70°	7117
75°	6439
80°	6188
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21925 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.3	10.3
10°-20°	131.9	24.1
20°-30°	145.3	26.6
30°-40°	108.8	19.9
40°-50°	56.4	10.3
50°-60°	23.4	4.3
60°-70°	14.5	2.6
70°-80°	8.1	1.5
80°-90°	2.4	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°	333.4	61.0
0°-40°	442.2	80.8
0°-60°	522.0	95.4
0°-90°	547.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	547.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	629	
5°	610	56
15°	473	132
25°	318	145
35°	172	109
45°	71	56
55°	24	23
65°	15	14
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	629.2
1°	629.9
2°	627.8
3°	623.7
4°	617.4
5°	609.8
6°	600.1
7°	589.7
8°	577.2
9°	564.1
10°	550.9
12.5°	512.8
15°	473.3
17.5°	433.8
20°	395.0
22.5°	355.5
25°	318.1
27.5°	280.6
30°	243.2
32.5°	206.5
35°	172.5
37.5°	143.4
40°	117.1
42.5°	92.9
45°	70.7
47.5°	53.4
50°	40.2
52.5°	29.8
55°	24.3
57.5°	21.5
60°	18.7
62.5°	16.6
65°	14.6
67.5°	12.5
70°	11.1
72.5°	9.0
75°	7.6
77.5°	6.2
80°	4.9
82.5°	3.5
85°	2.1
87.5°	0.7
90°	0.0

(END OF REPORT)