

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: P1265730

Luminaire Tested: P3A20R209730D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265730
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R209730D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

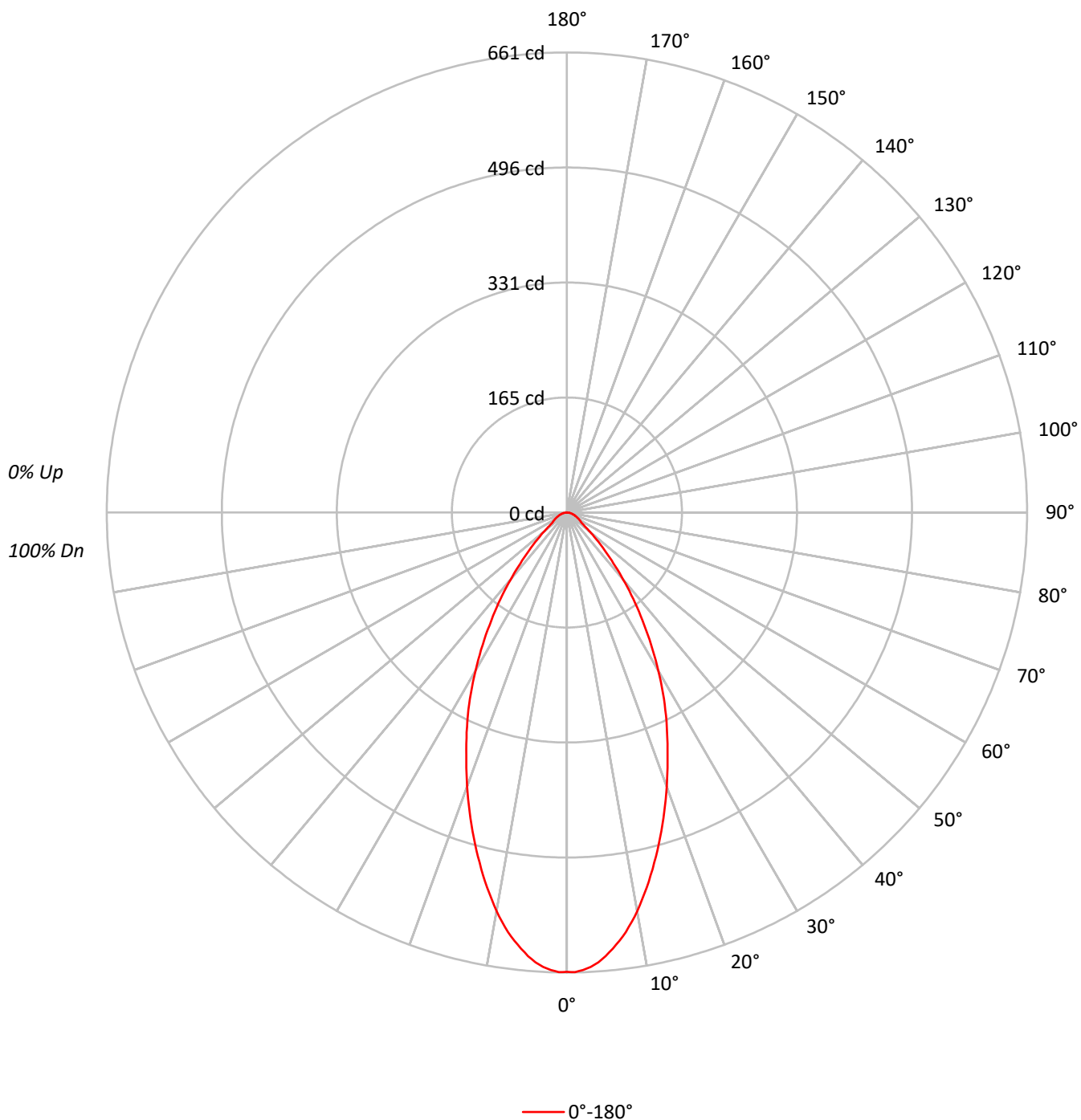
Lumens per Lamp: N/A
Luminaire Lumens: 585.0 lumens
Efficiency: N/A
Efficacy: 20.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	144703
5°	140832
10°	129568
15°	114030
20°	97799
25°	82166
30°	66415
35°	50540
40°	35953
45°	23723
50°	14703
55°	9672
60°	8815
65°	8094
70°	7629
75°	6947
80°	6566
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23723 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.2	10.1
10°-20°	139.8	23.9
20°-30°	155.2	26.5
30°-40°	118.4	20.2
40°-50°	60.6	10.4
50°-60°	24.9	4.3
60°-70°	15.5	2.7
70°-80°	8.7	1.5
80°-90°	2.5	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°	354.3	60.6
0°-40°	472.7	80.8
0°-60°	558.2	95.4
0°-90°	585.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	585.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	660	
5°	640	59
15°	502	140
25°	340	155
35°	189	118
45°	76	61
55°	25	25
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	659.9
1°	660.6
2°	657.7
3°	653.9
4°	648.0
5°	639.8
6°	630.2
7°	619.8
8°	608.6
9°	595.2
10°	581.9
12.5°	543.2
15°	502.3
17.5°	460.7
20°	419.1
22.5°	377.5
25°	339.6
27.5°	301.7
30°	262.3
32.5°	225.2
35°	188.8
37.5°	156.8
40°	125.6
42.5°	98.8
45°	76.5
47.5°	58.0
50°	43.1
52.5°	32.0
55°	25.3
57.5°	23.0
60°	20.1
62.5°	17.8
65°	15.6
67.5°	13.4
70°	11.9
72.5°	9.7
75°	8.2
77.5°	6.7
80°	5.2
82.5°	3.7
85°	2.2
87.5°	0.7
90°	0.0

(END OF REPORT)