

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: P1265787

Luminaire Tested: P3A20R309730D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265787
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R309730D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

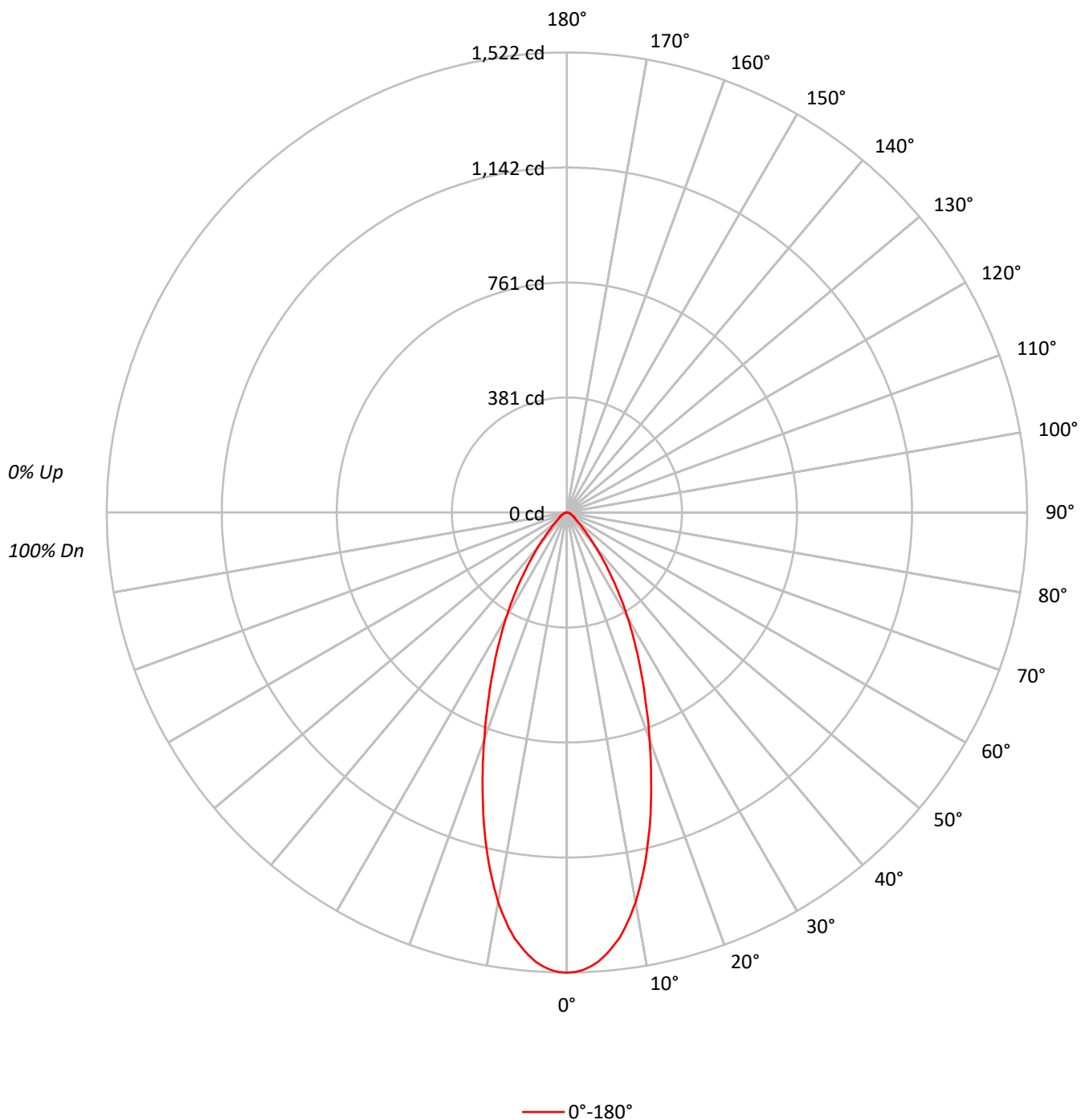
Lumens per Lamp: N/A
Luminaire Lumens: 976.9 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	333855
5°	323464
10°	291444
15°	241091
20°	186660
25°	140016
30°	101661
35°	67726
40°	41621
45°	24437
50°	14976
55°	12157
60°	10613
65°	8665
70°	7758
75°	7710
80°	5683
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24437 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	135.2	13.8
10°-20°	292.5	29.9
20°-30°	266.1	27.2
30°-40°	160.9	16.5
40°-50°	64.5	6.6
50°-60°	28.5	2.9
60°-70°	17.2	1.8
70°-80°	9.4	1.0
80°-90°	2.7	0.3
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°	693.7	71.0
0°-40°	854.6	87.5
0°-60°	947.7	97.0
0°-90°	976.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	976.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1522	
5°	1470	135
15°	1062	292
25°	579	266
35°	253	161
45°	79	65
55°	32	29
65°	17	17
75°	9	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1522.5
1°	1521.0
2°	1514.9
3°	1504.3
4°	1489.2
5°	1469.5
6°	1445.3
7°	1419.5
8°	1386.2
9°	1348.3
10°	1308.9
11°	1263.5
12°	1215.0
13°	1166.5
14°	1113.5
15°	1062.0
17.5°	927.1
20°	799.9
22.5°	681.7
25°	578.7
27.5°	484.8
30°	401.5
32.5°	324.2
35°	253.0
37.5°	193.9
40°	145.4
42.5°	106.0
45°	78.8
47.5°	59.1
50°	43.9
52.5°	34.8
55°	31.8
57.5°	27.3
60°	24.2
62.5°	19.7
65°	16.7
67.5°	15.1
70°	12.1
72.5°	10.6
75°	9.1
77.5°	7.6
80°	4.5
82.5°	3.0
85°	3.0
87.5°	1.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)