

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: P1268166

Luminaire Tested: P3A20R309735D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268166
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: P3A20R309735D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

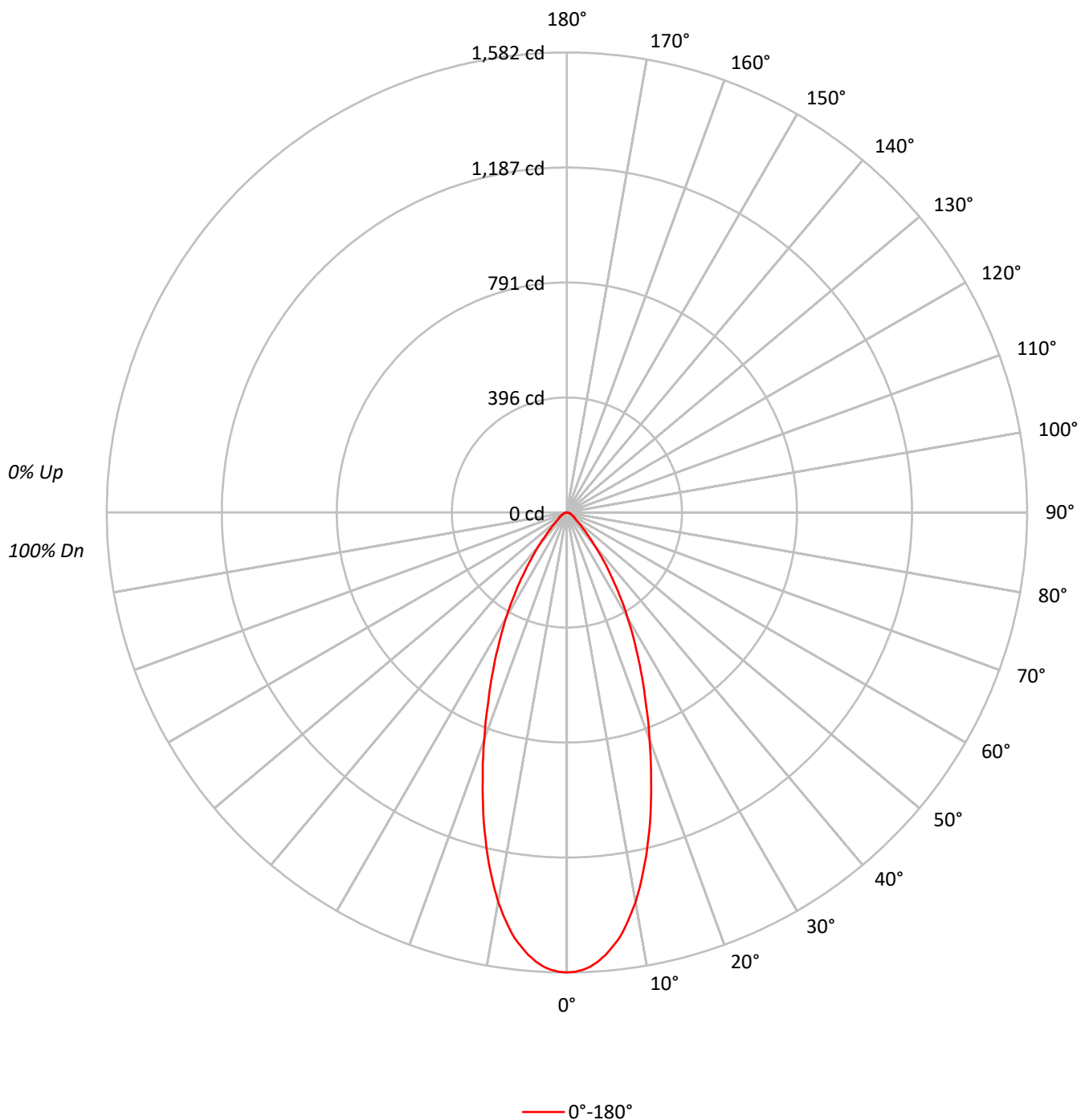
Lumens per Lamp: N/A
Luminaire Lumens: 1015.0 lumens
Efficiency: N/A
Efficacy: 35.2 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	346836
5°	336055
10°	302778
15°	250467
20°	193917
25°	145460
30°	105611
35°	70350
40°	43252
45°	25367
50°	15556
55°	12654
60°	11052
65°	8976
70°	8078
75°	7964
80°	5935
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25367 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.4	13.8
10°-20°	303.9	29.9
20°-30°	276.4	27.2
30°-40°	167.1	16.5
40°-50°	67.0	6.6
50°-60°	29.7	2.9
60°-70°	17.9	1.8
70°-80°	9.7	1.0
80°-90°	2.8	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°	720.7	71.0
0°-40°	887.9	87.5
0°-60°	984.6	97.0
0°-90°	1015.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1015.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1582	
5°	1527	140
15°	1103	304
25°	601	276
35°	263	167
45°	82	67
55°	33	30
65°	17	18
75°	9	10
85°	3	3
90°	0	

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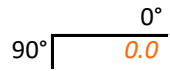
CANDELA DISTRIBUTION (FULL):

0°	
0°	1581.7
1°	1580.2
2°	1573.9
3°	1562.9
4°	1547.1
5°	1526.7
6°	1501.5
7°	1474.7
8°	1440.1
9°	1400.7
10°	1359.8
11°	1312.6
12°	1262.2
13°	1211.9
14°	1156.8
15°	1103.3
17.5°	963.2
20°	831.0
22.5°	708.2
25°	601.2
27.5°	503.6
30°	417.1
32.5°	336.8
35°	262.8
37.5°	201.5
40°	151.1
42.5°	110.2
45°	81.8
47.5°	61.4
50°	45.6
52.5°	36.2
55°	33.1
57.5°	28.3
60°	25.2
62.5°	20.5
65°	17.3
67.5°	15.7
70°	12.6
72.5°	11.0
75°	9.4
77.5°	7.9
80°	4.7
82.5°	3.1
85°	3.1
87.5°	1.6



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)