

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: P1266018

Luminaire Tested: P3A20R709730D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266018
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R709730D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

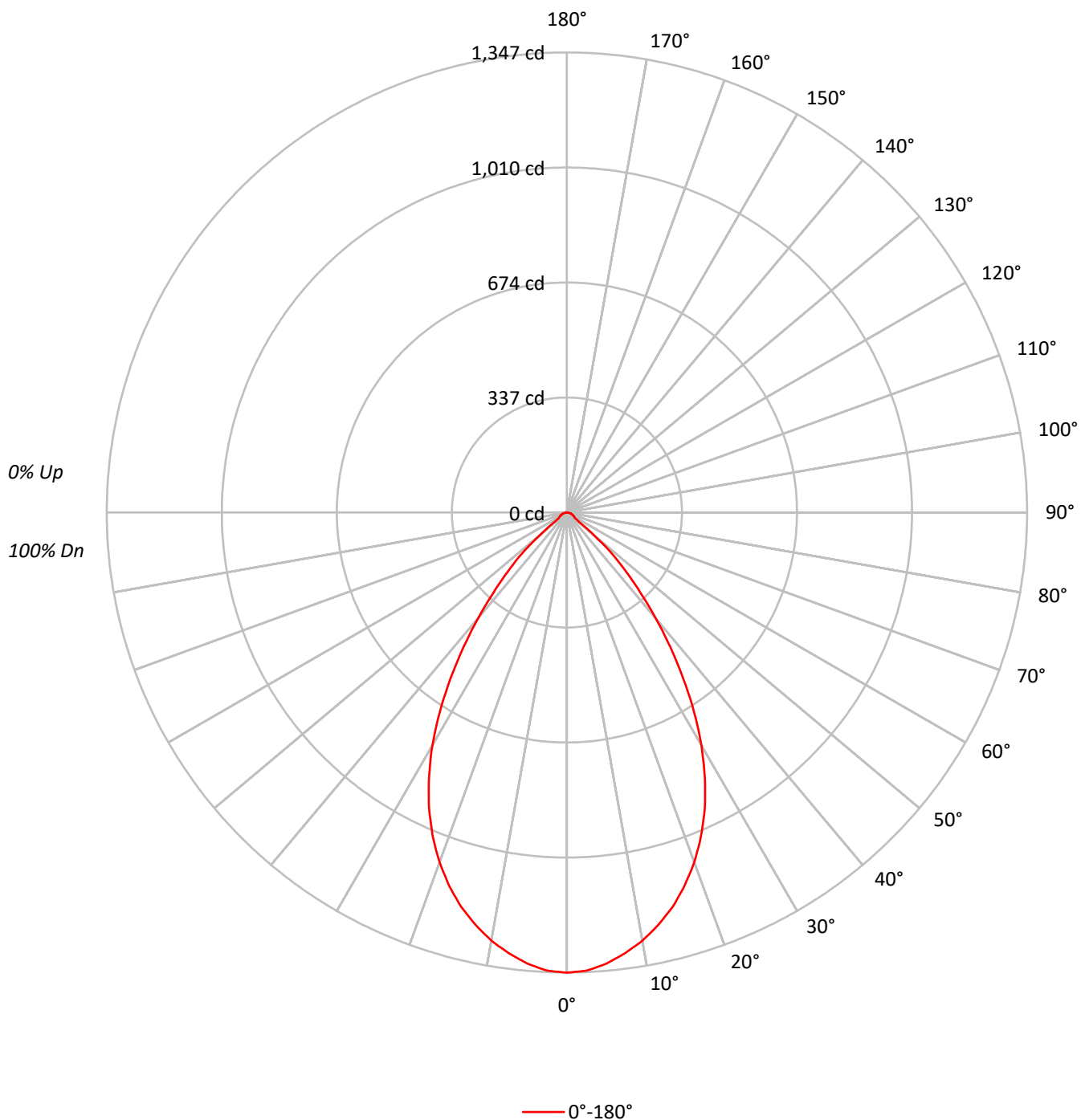
Lumens per Lamp: N/A
Luminaire Lumens: 1526.0 lumens
Efficiency: N/A
Efficacy: 53.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	295415
5°	291877
10°	283451
15°	271443
20°	254262
25°	230989
30°	199524
35°	159036
40°	115817
45°	76132
50°	35683
55°	11010
60°	10613
65°	10222
70°	9745
75°	10252
80°	9597
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 76132 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.9	8.2
10°-20°	334.6	21.9
20°-30°	434.9	28.5
30°-40°	369.1	24.2
40°-50°	190.3	12.5
50°-60°	36.7	2.4
60°-70°	19.9	1.3
70°-80°	12.2	0.8
80°-90°	3.5	0.2
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°	894.4	58.6
0°-40°	1263.5	82.8
0°-60°	1490.5	97.7
0°-90°	1526.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1526.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1347	
5°	1326	125
15°	1196	335
25°	955	435
35°	594	369
45°	246	190
55°	29	37
65°	20	20
75°	12	12
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1347.2
2.5°	1342.7
5°	1326.0
7.5°	1301.8
10°	1273.0
12.5°	1236.6
15°	1195.7
17.5°	1145.7
20°	1089.6
22.5°	1026.0
25°	954.7
27.5°	874.4
30°	788.0
32.5°	692.6
35°	594.1
37.5°	497.1
40°	404.6
42.5°	318.2
45°	245.5
47.5°	180.3
50°	104.6
52.5°	45.5
55°	28.8
57.5°	27.3
60°	24.2
62.5°	22.7
65°	19.7
67.5°	18.2
70°	15.2
72.5°	13.6
75°	12.1
77.5°	9.1
80°	7.6
82.5°	4.5
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)