

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: P1265885

Luminaire Tested: P3A20R459730D010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265885
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R459730D010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 97CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

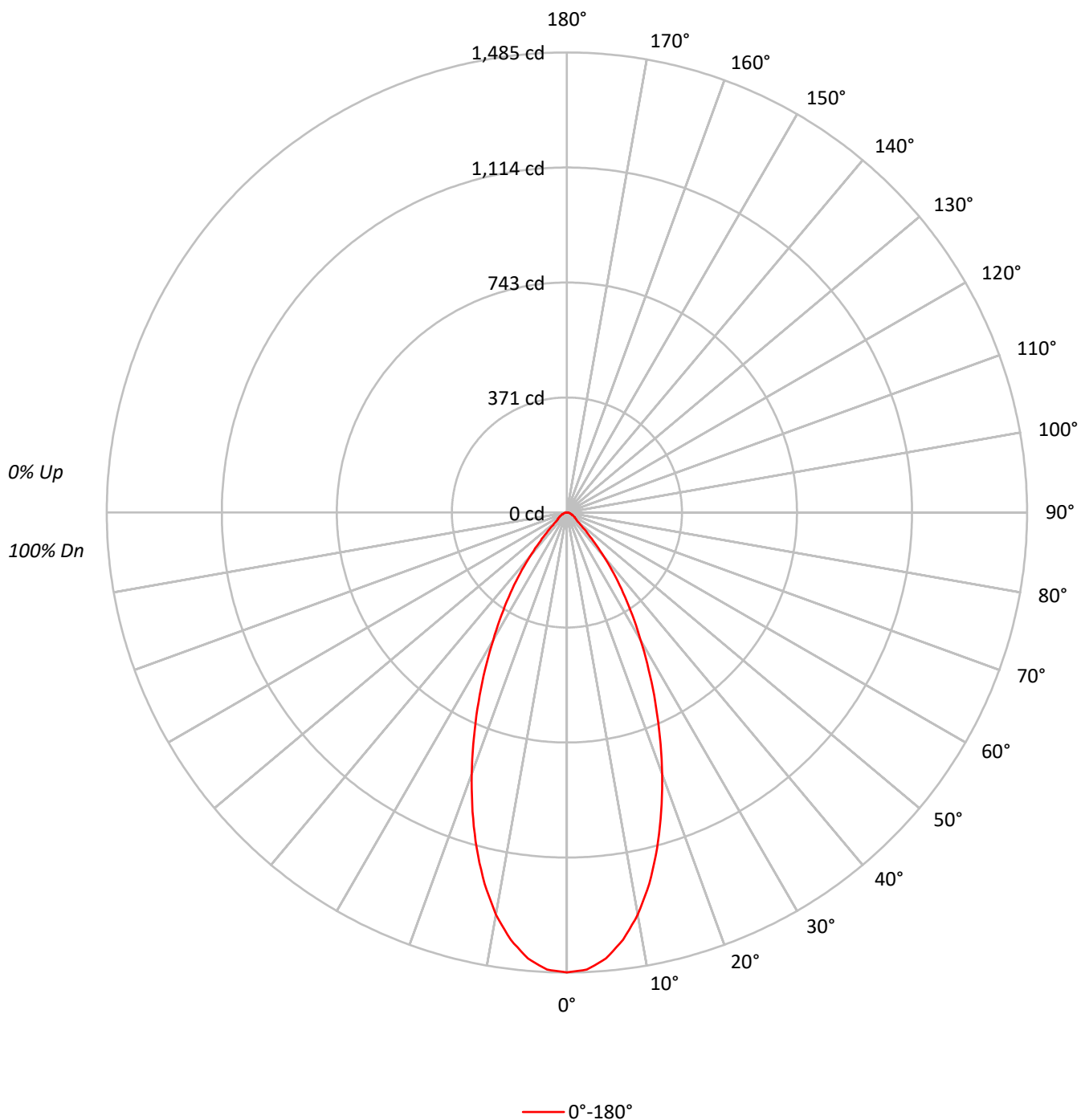
Lumens per Lamp: N/A
Luminaire Lumens: 1093.0 lumens
Efficiency: N/A
Efficacy: 37.9 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	325566
5°	318137
10°	293470
15°	255189
20°	209645
25°	163122
30°	120449
35°	84751
40°	52899
45°	28654
50°	15488
55°	13304
60°	11973
65°	10222
70°	8719
75°	8981
80°	7703
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28654 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.9	12.2
10°-20°	310.8	28.4
20°-30°	308.5	28.2
30°-40°	198.7	18.2
40°-50°	76.5	7.0
50°-60°	31.1	2.8
60°-70°	19.7	1.8
70°-80°	10.6	1.0
80°-90°	3.3	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°	753.1	68.9
0°-40°	951.8	87.1
0°-60°	1059.4	96.9
0°-90°	1093.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1093.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1485	
5°	1445	134
15°	1124	311
25°	674	308
35°	317	199
45°	92	77
55°	35	31
65°	20	20
75°	11	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1484.7
2.5°	1477.1
5°	1445.3
7.5°	1390.8
10°	1318.0
12.5°	1227.1
15°	1124.1
17.5°	1012.0
20°	898.4
22.5°	783.2
25°	674.2
27.5°	571.1
30°	475.7
32.5°	392.4
35°	316.6
37.5°	248.5
40°	184.8
42.5°	133.3
45°	92.4
47.5°	62.1
50°	45.4
52.5°	37.9
55°	34.8
57.5°	30.3
60°	27.3
62.5°	22.7
65°	19.7
67.5°	16.7
70°	13.6
72.5°	12.1
75°	10.6
77.5°	7.6
80°	6.1
82.5°	4.5
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)