

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: P1265766

Luminaire Tested: P3A20R259730D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265766
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259730D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

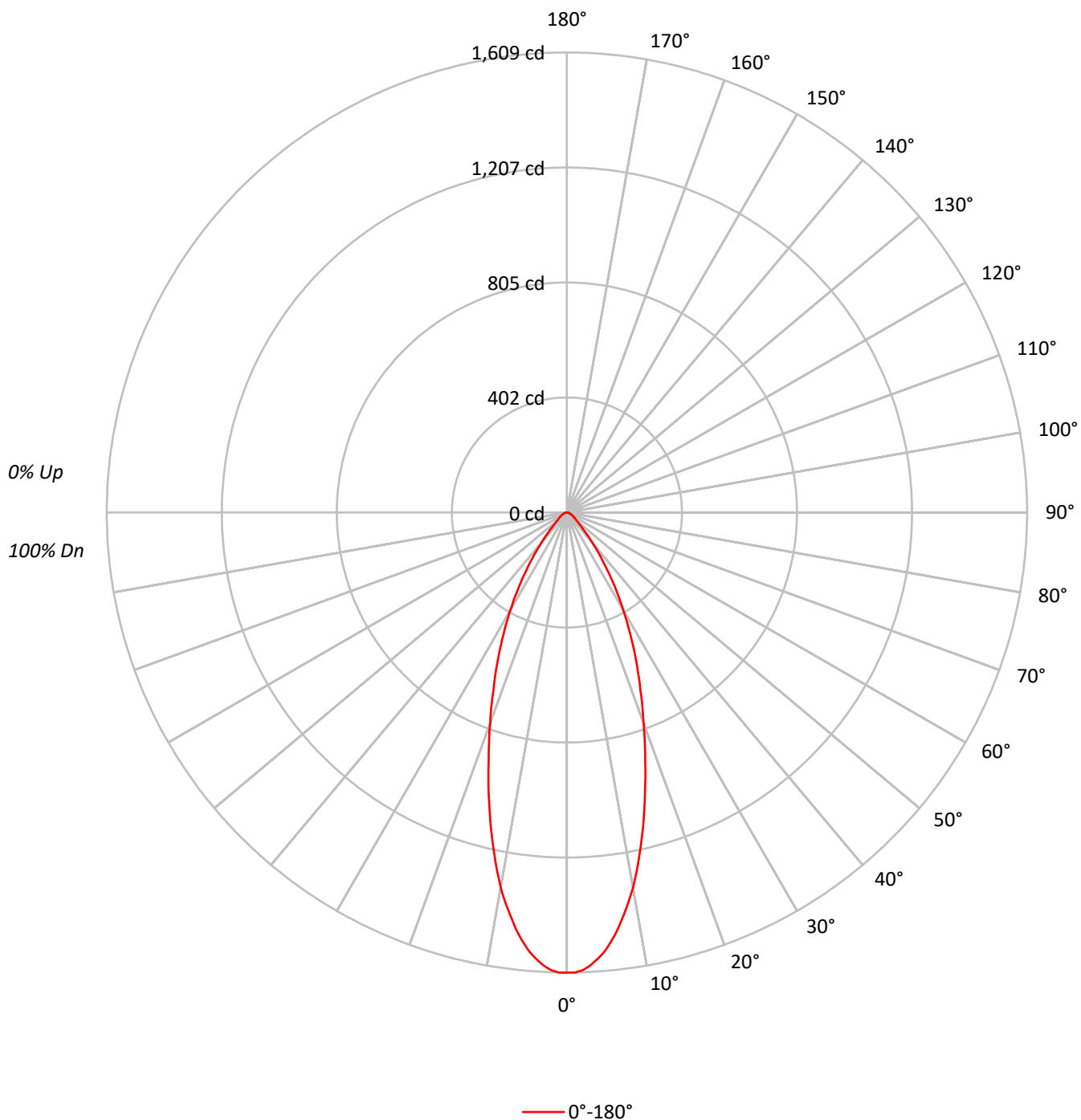
Lumens per Lamp: N/A
Luminaire Lumens: 972.0 lumens
Efficiency: N/A
Efficacy: 33.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101		100	99	98		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	86	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	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	352888
5°	338564
10°	296588
15°	238390
20°	183183
25°	138589
30°	100142
35°	66522
40°	40333
45°	23506
50°	14976
55°	12157
60°	10613
65°	9443
70°	7758
75°	7710
80°	5683
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23506 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.0	14.4
10°-20°	290.4	29.9
20°-30°	262.6	27.0
30°-40°	157.7	16.2
40°-50°	62.7	6.4
50°-60°	28.9	3.0
60°-70°	17.6	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°	693.0	71.3
0°-40°	850.8	87.5
0°-60°	942.3	96.9
0°-90°	972.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	972.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1609	
5°	1538	140
15°	1050	290
25°	573	263
35°	248	158
45°	76	63
55°	32	29
65°	18	18
75°	9	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1609.3
1°	1609.3
2°	1601.7
3°	1585.1
4°	1563.8
5°	1538.1
6°	1504.7
7°	1466.9
8°	1422.9
9°	1379.0
10°	1332.0
11°	1277.4
12°	1221.4
13°	1165.3
14°	1109.2
15°	1050.1
17.5°	910.7
20°	785.0
22.5°	671.3
25°	572.8
27.5°	480.4
30°	395.5
32.5°	318.2
35°	248.5
37.5°	189.4
40°	140.9
42.5°	103.0
45°	75.8
47.5°	57.6
50°	43.9
52.5°	36.4
55°	31.8
57.5°	27.3
60°	24.2
62.5°	19.7
65°	18.2
67.5°	15.2
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)