

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: P1258328

Luminaire Tested: P3AS20R709040D010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

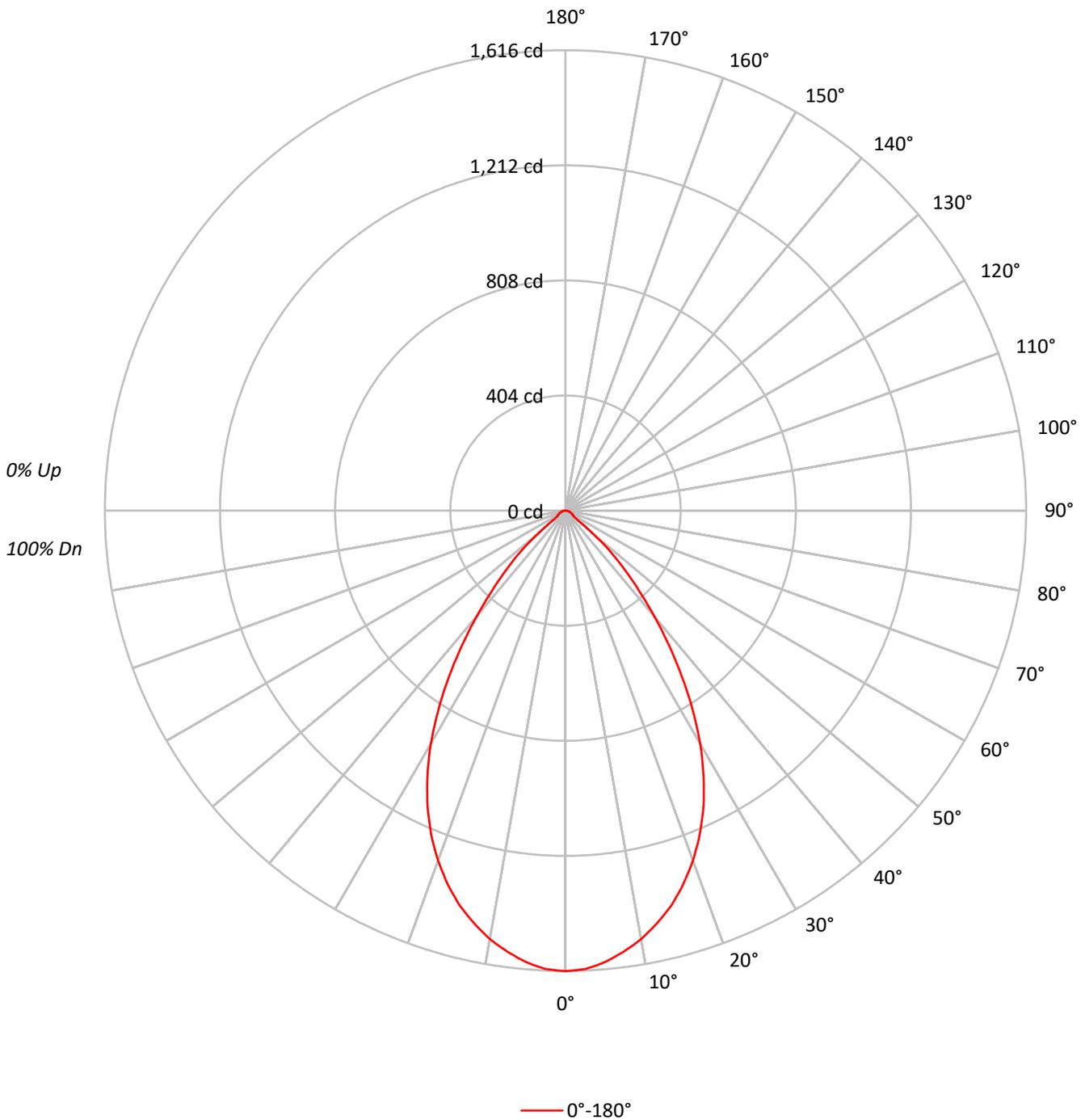
Test Method: LM-79-2019  
Report Number: P1258328  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R709040D010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1831.0 lumens  
Efficiency: N/A  
Efficacy: 63.6 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

TEST NUMBER: P1258328  
CATALOG NUMBER: P3AS20R709040D010 E3DL1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1258328  
 CATALOG NUMBER: P3AS20R709040D010 E3DL1MW

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92	92	92
2	106	101	96	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84	84	84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77	77	77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70	70	70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65	65	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60	60	60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48	48	48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44	44	44

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	354467
5°	350208
10°	340096
15°	325700
20°	305087
25°	277153
30°	239404
35°	190811
40°	138975
45°	91358
50°	42813
55°	13189
60°	12762
65°	12245
70°	11669
75°	12285
80°	11491
85°	9057

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 91358 cd/sqm



TEST NUMBER: P1258328  
 CATALOG NUMBER: P3AS20R709040D010 E3DL1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	149.8	8.2
10°-20°	401.5	21.9
20°-30°	521.8	28.5
30°-40°	442.8	24.2
40°-50°	228.3	12.5
50°-60°	44.0	2.4
60°-70°	23.8	1.3
70°-80°	14.6	0.8
80°-90°	4.2	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°	1073.2	58.6
0°-40°	1516.0	82.8
0°-60°	1788.3	97.7
0°-90°	1831.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1831.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1616	
5°	1591	150
15°	1435	402
25°	1146	522
35°	713	443
45°	295	228
55°	34	44
65°	24	24
75°	14	15
85°	4	4
90°	0	



TEST NUMBER: P1258328  
CATALOG NUMBER: P3AS20R709040D010 E3DL1MW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1616.5
2.5°	1611.0
5°	1591.0
7.5°	1561.9
10°	1527.4
12.5°	1483.8
15°	1434.7
17.5°	1374.7
20°	1307.4
22.5°	1231.0
25°	1145.5
27.5°	1049.2
30°	945.5
32.5°	831.0
35°	712.8
37.5°	596.4
40°	485.5
42.5°	381.8
45°	294.6
47.5°	216.4
50°	125.5
52.5°	54.5
55°	34.5
57.5°	32.7
60°	29.1
62.5°	27.3
65°	23.6
67.5°	21.8
70°	18.2
72.5°	16.4
75°	14.5
77.5°	10.9
80°	9.1
82.5°	5.5
85°	3.6
87.5°	1.8
90°	0.0

(END OF REPORT)