

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: P1304566

Luminaire Tested: P3DUS13R609740DE010 E3CBUS1MW

Issue Date: 1/29/2026

**Test Information**

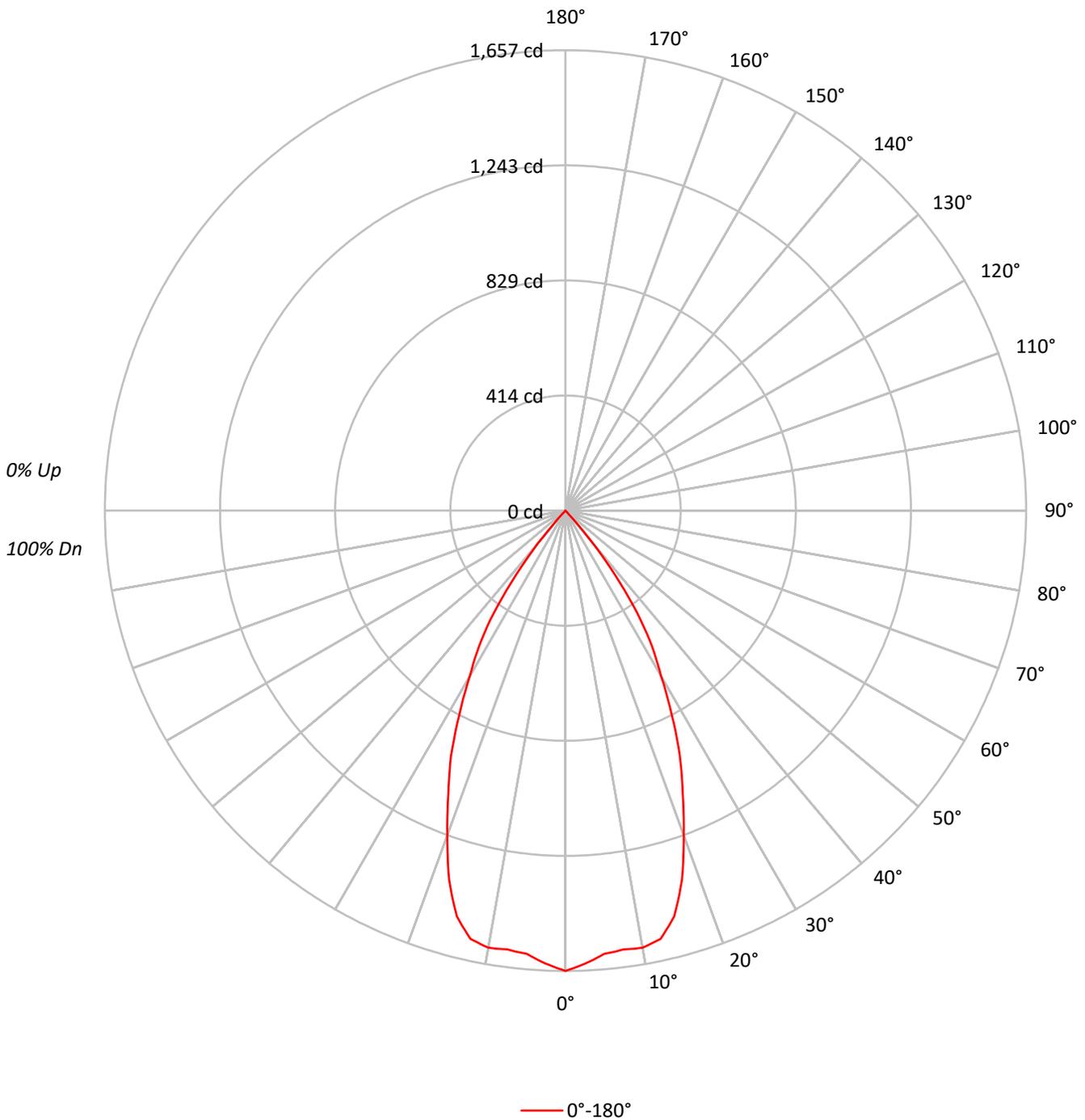
Test Method: LM-79-2019  
Report Number: P1304566  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-93)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3DUS13R609740DE010 E3CBUS1MW  
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1290.0 lumens  
Efficiency: N/A  
Efficacy: 88.4 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.84  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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				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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	109	104	100	97	107	102	99	96	99	96	94	96	94	92	94	92	90	89	89	89	89
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	83	83	83	83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78	78	78	78
5	94	86	81	77	93	86	80	77	84	79	76	82	78	75	81	77	75	73	73	73	73
6	90	82	76	72	89	81	76	72	79	75	71	78	74	71	77	73	70	69	69	69	69
7	86	77	71	68	85	76	71	67	75	70	67	74	70	67	73	69	66	65	65	65	65
8	82	73	67	63	81	72	67	63	71	67	63	70	66	63	69	66	63	61	61	61	61
9	78	69	64	60	77	69	63	60	68	63	60	67	63	59	66	62	59	58	58	58	58
10	75	66	60	57	74	65	60	56	64	60	56	64	59	56	63	59	56	55	55	55	55

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

	0°
0°	363326
5°	352563
10°	355749
15°	343226
20°	290339
25°	235780
30°	174331
35°	120863
40°	43281
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

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



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	153.1	11.9
10°-20°	413.3	32.0
20°-30°	440.3	34.1
30°-40°	267.4	20.7
40°-50°	15.9	1.2
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1006.6	78.0
0°-40°	1274.1	98.8
0°-60°	1290.0	100.0
0°-90°	1290.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1290.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1657	
5°	1602	153
15°	1512	413
25°	974	440
35°	452	267
45°	0	16
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1656.9
2.5°	1632.4
5°	1601.7
7.5°	1593.6
10°	1597.7
12.5°	1579.3
15°	1511.9
17.5°	1393.4
20°	1244.2
22.5°	1101.2
25°	974.5
27.5°	827.4
30°	688.5
32.5°	580.2
35°	451.5
37.5°	294.2
40°	151.2
42.5°	12.3
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)