

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: P1303146

Luminaire Tested: P3DUS05R659027DE010 E3CBUS1MW

Issue Date: 1/29/2026

**Test Information**

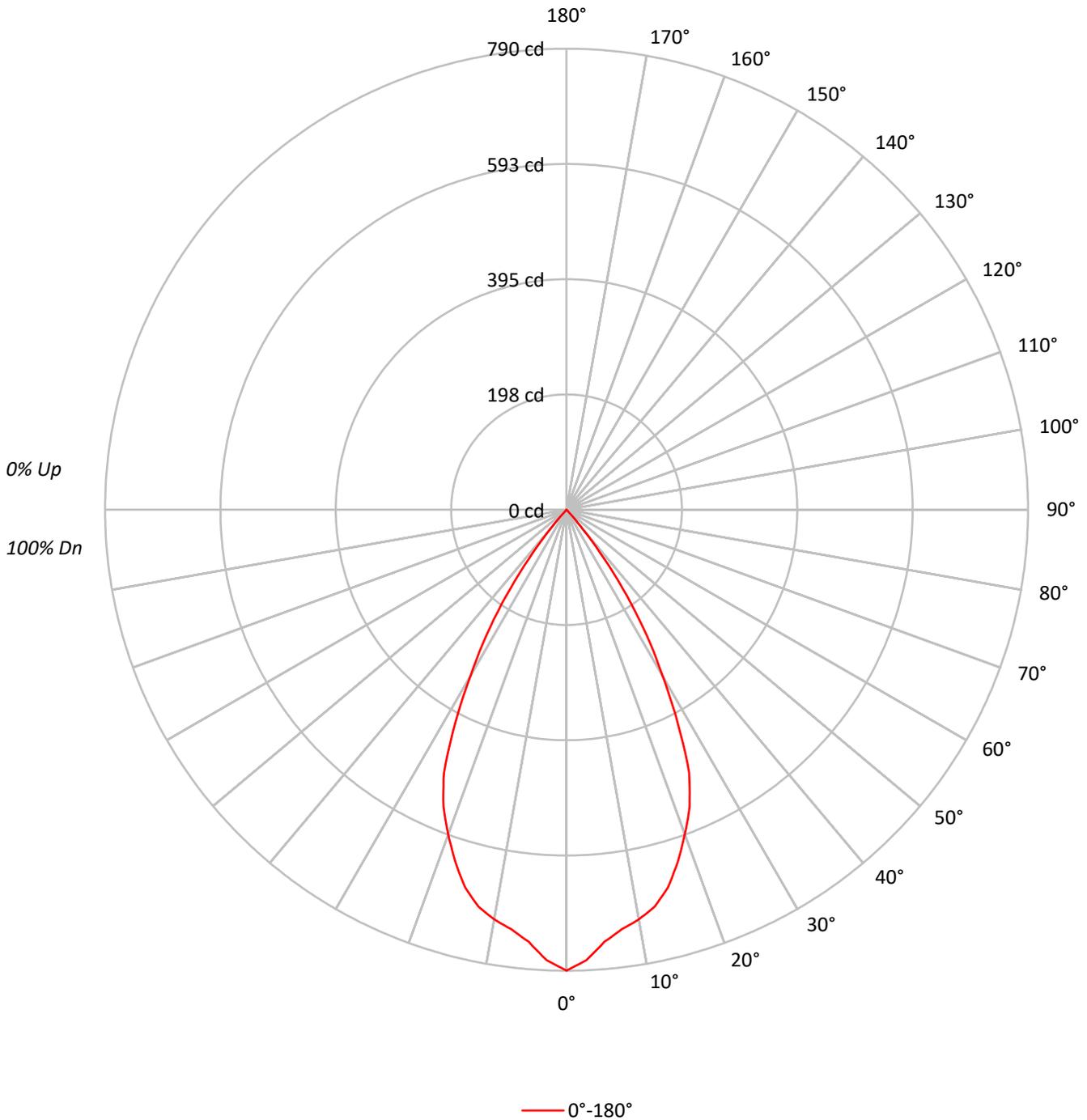
Test Method: LM-79-2019  
Report Number: P1303146  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-94)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3DUS05R659027DE010 E3CBUS1MW  
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 591.0 lumens  
Efficiency: N/A  
Efficacy: 82.1 lumens/watt  
Spacing Criteria (0/90/45): 0.89 / 0.89 / 0.84  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94				94
2	109	104	101	97	107	103	99	96	99	97	94	96	94	92	94	92	90	89				89
3	104	98	93	90	102	96	92	89	94	90	87	92	89	86	89	87	85	83				83
4	99	92	87	83	97	91	86	83	89	85	82	87	83	81	85	82	80	78				78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74				74
6	90	82	76	72	89	81	76	72	80	75	72	78	74	71	77	73	71	69				69
7	86	77	72	68	85	77	71	68	75	71	67	74	70	67	73	69	67	65				65
8	82	73	68	64	81	73	67	64	72	67	63	71	66	63	70	66	63	62				62
9	79	69	64	60	77	69	64	60	68	63	60	67	63	60	66	62	60	58				58
10	75	66	61	57	74	66	60	57	65	60	57	64	60	57	63	59	56	55				55

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

	0°
0°	173188
5°	163592
10°	158714
15°	152146
20°	138169
25°	120200
30°	83177
35°	48318
40°	12767
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°	70.1	11.9
10°-20°	186.2	31.5
20°-30°	218.6	37.0
30°-40°	110.8	18.7
40°-50°	5.3	0.9
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°	474.9	80.4
0°-40°	585.7	99.1
0°-60°	591.0	100.0
0°-90°	591.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	591.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	790	
5°	743	70
15°	670	186
25°	497	219
35°	180	111
45°	0	5
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	789.8
2.5°	772.6
5°	743.2
7.5°	724.9
10°	712.8
12.5°	696.6
15°	670.2
17.5°	632.7
20°	592.1
22.5°	550.6
25°	496.8
27.5°	412.7
30°	328.5
32.5°	255.5
35°	180.5
37.5°	105.4
40°	44.6
42.5°	7.1
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)