

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: P1303192

Luminaire Tested: P3RT13R159027DE010 E3CBUS1MW

Issue Date: 1/29/2026

**Test Information**

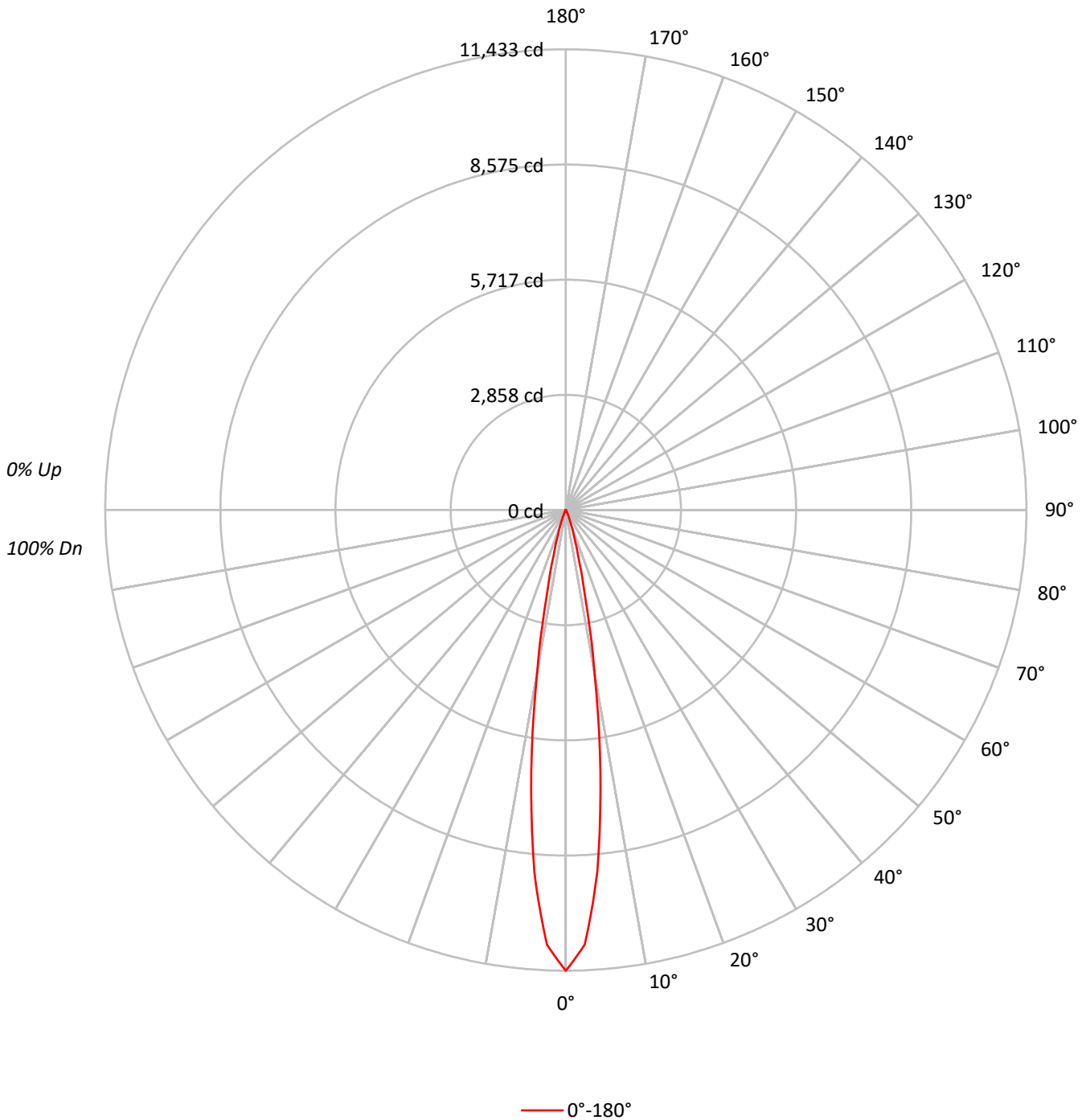
Test Method: LM-79-2019  
Report Number: P1303192  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-85)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3RT13R159027DE010 E3CBUS1MW  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1173.0 lumens  
Efficiency: N/A  
Efficacy: 80.3 lumens/watt  
Spacing Criteria (0/90/45): 0.29 / 0.29 / 0.29  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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				
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	116	114	112	111	113	112	110	109	108	107	106	104	103	103	101	100	100	98	98	98	98
2	113	110	107	105	111	108	106	104	105	103	102	102	101	100	100	99	98	96	96	96	96
3	110	106	103	101	109	105	102	100	103	101	99	101	99	97	98	97	96	95	95	95	95
4	108	103	100	98	106	102	100	97	101	98	96	99	97	95	97	96	94	93	93	93	93
5	106	101	98	95	104	100	97	95	99	96	94	97	95	93	96	94	93	92	92	92	92
6	104	99	95	93	102	98	95	93	97	94	92	96	93	92	95	93	91	90	90	90	90
7	102	97	93	91	101	96	93	91	95	92	90	94	92	90	93	91	90	89	89	89	89
8	100	95	92	89	99	94	91	89	94	91	89	93	90	89	92	90	88	88	88	88	88
9	98	93	90	88	97	93	90	88	92	89	88	91	89	87	91	89	87	86	86	86	86
10	97	92	89	87	96	91	88	86	91	88	86	90	88	86	90	87	86	85	85	85	85

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

	0°
0°	2506970
5°	1981593
10°	913878
15°	264678
20°	85011
25°	31937
30°	11977
35°	3694
40°	1116
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: 52.5°  
 Luminance: 720 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	699.0	59.6
10°-20°	393.4	33.5
20°-30°	69.0	5.9
30°-40°	10.4	0.9
40°-50°	0.7	0.1
50°-60°	0.4	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°	1161.5	99.0
0°-40°	1171.9	99.9
0°-60°	1173.0	100.0
0°-90°	1173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1173.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	11433	
5°	9002	699
15°	1166	393
25°	132	69
35°	14	10
45°	0	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	11432.7
2.5°	10796.5
5°	9002.4
7.5°	6574.0
10°	4104.3
12.5°	2219.6
15°	1165.9
17.5°	646.0
20°	364.3
22.5°	212.7
25°	132.0
27.5°	80.7
30°	47.3
32.5°	21.7
35°	13.8
37.5°	7.9
40°	3.9
42.5°	2.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	2.0
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)