

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: P1303218

Luminaire Tested: P3RT17R359027DE010 E3CBUS1MW

Issue Date: 1/29/2026

**Test Information**

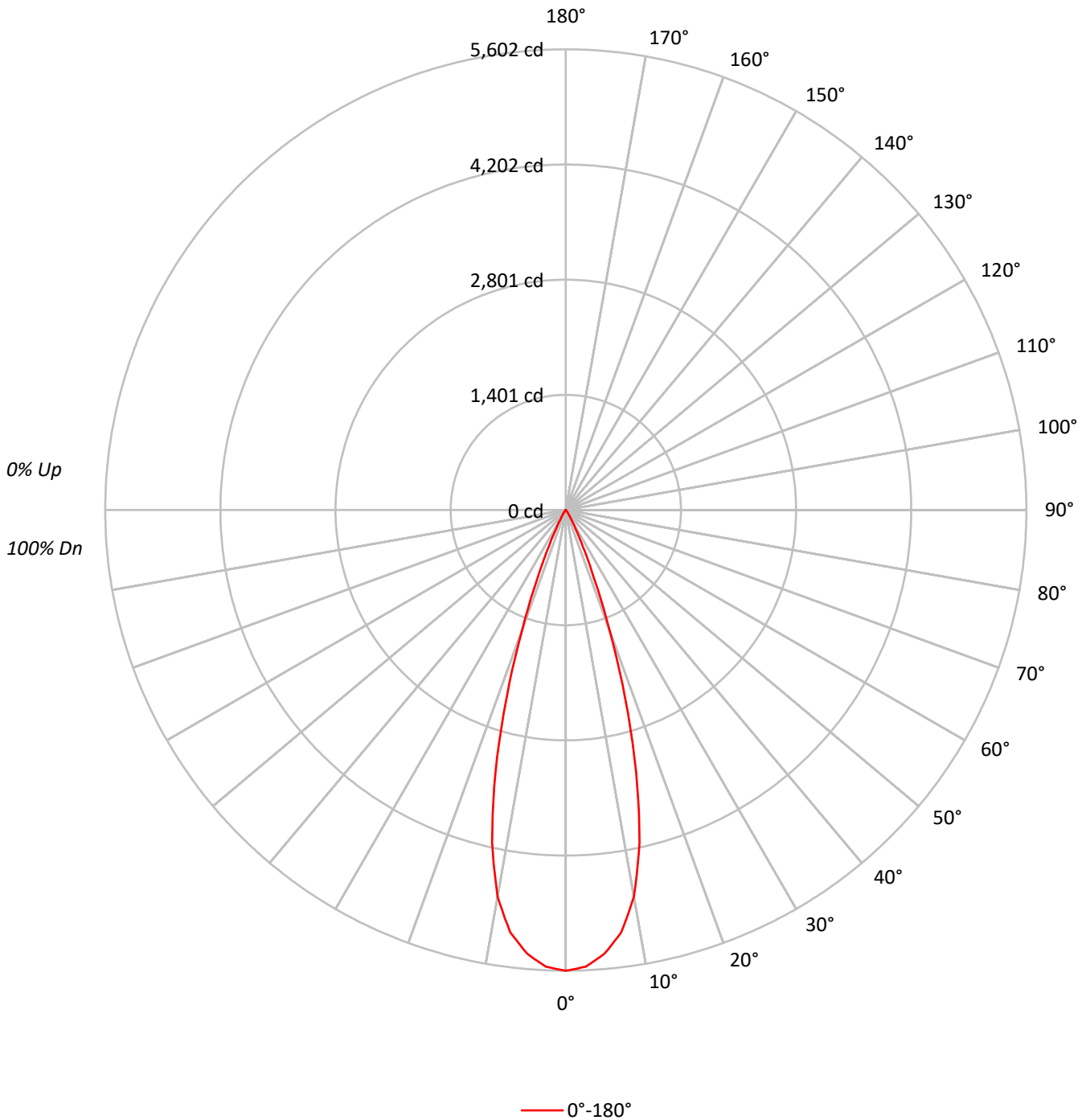
Test Method: LM-79-2019  
Report Number: P1303218  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-89)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3RT17R359027DE010 E3CBUS1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1677.0 lumens  
Efficiency: N/A  
Efficacy: 79.1 lumens/watt  
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.5  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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	99	98	100
1	115	113	111	109	113	111	109	108	107	105	104	103	102	101	100	99	98	97	96	95	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92	93
3	108	103	99	97	106	102	98	96	99	97	94	97	95	93	95	93	92	91	90	89	90
4	104	99	95	92	103	98	94	92	96	93	90	94	92	89	92	90	89	88	87	86	87
5	101	95	91	88	100	94	91	88	93	90	87	91	89	86	90	88	86	85	84	83	85
6	98	92	88	85	97	91	87	85	90	87	84	89	86	83	88	85	83	82	81	80	82
7	95	89	85	82	94	88	84	82	87	84	81	86	83	81	85	83	80	79	78	77	79
8	93	86	82	79	92	86	82	79	85	81	79	84	81	78	83	80	78	77	76	75	77
9	90	83	79	77	89	83	79	76	82	79	76	82	78	76	81	78	76	75	74	73	75
10	88	81	77	74	87	81	77	74	80	76	74	79	76	74	79	76	74	73	72	71	73

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

	0°
0°	1228520
5°	1191875
10°	1062773
15°	750788
20°	362141
25°	117370
30°	33018
35°	13278
40°	3721
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°	497.3	29.7
10°-20°	874.1	52.1
20°-30°	268.6	16.0
30°-40°	34.9	2.1
40°-50°	2.1	0.1
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°	1639.9	97.8
0°-40°	1674.8	99.9
0°-60°	1677.0	100.0
0°-90°	1677.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1677.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	5602	
5°	5415	497
15°	3307	874
25°	485	269
35°	50	35
45°	0	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	5602.5
2.5°	5558.1
5°	5414.7
7.5°	5177.3
10°	4773.0
12.5°	4141.9
15°	3307.2
17.5°	2399.6
20°	1551.9
22.5°	899.8
25°	485.1
27.5°	255.6
30°	130.4
32.5°	78.2
35°	49.6
37.5°	31.3
40°	13.0
42.5°	5.2
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)