

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: P1303490

Luminaire Tested: P3RT05R209035DE010 E3CBUS1MW

Issue Date: 1/29/2026

**Test Information**

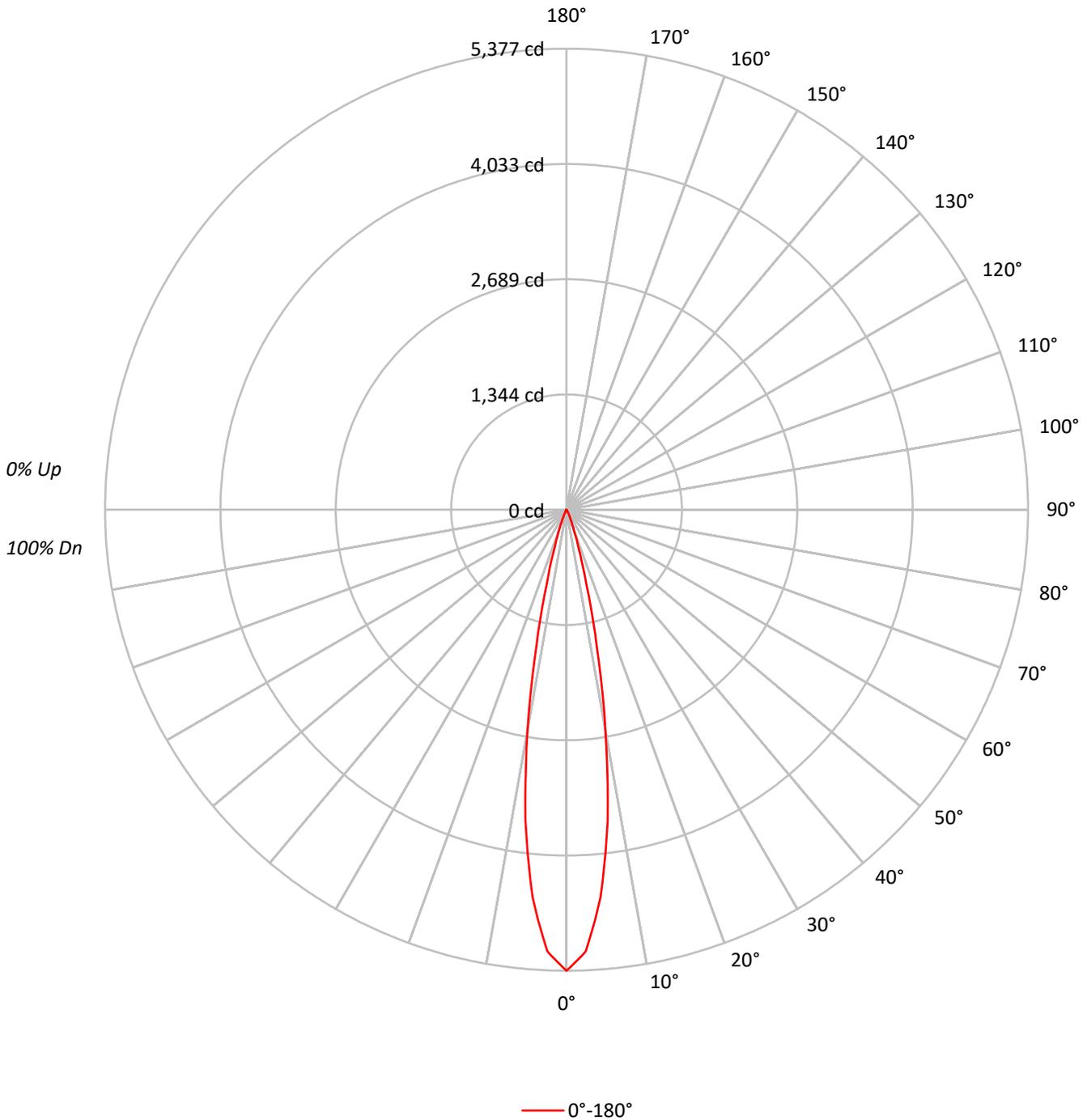
Test Method: LM-79-2019  
Report Number: P1303490  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-86)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3RT05R209035DE010 E3CBUS1MW  
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 696.0 lumens  
Efficiency: N/A  
Efficacy: 96.7 lumens/watt  
Spacing Criteria (0/90/45): 0.34 / 0.34 / 0.33  
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				
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	102	101	100	100	98	98	98	98
2	113	109	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97	96	96	96	96
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	96	95	94	94	94	94
4	107	103	99	97	106	102	99	96	100	97	95	98	96	94	96	95	93	92	92	92	92
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	91	91	91	91	91
6	103	98	94	92	102	97	94	91	96	93	91	95	92	90	93	91	90	89	89	89	89
7	101	95	92	90	100	95	92	89	94	91	89	93	90	89	92	90	88	87	87	87	87
8	99	93	90	88	98	93	90	88	92	89	87	91	89	87	91	88	87	86	86	86	86
9	97	92	88	86	96	91	88	86	90	88	86	90	87	85	89	87	85	84	84	84	84
10	95	90	87	85	95	90	86	84	89	86	84	88	86	84	88	86	84	83	83	83	83

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

	0°
0°	1179028
5°	998963
10°	581040
15°	199502
20°	57475
25°	17614
30°	4811
35°	2704
40°	1288
45°	341
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: 341 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	371.5	53.4
10°-20°	276.5	39.7
20°-30°	40.5	5.8
30°-40°	6.4	0.9
40°-50°	1.0	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°	688.6	98.9
0°-40°	695.0	99.9
0°-60°	696.0	100.0
0°-90°	696.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	696.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	5377	
5°	4538	372
15°	879	277
25°	73	41
35°	10	6
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	5376.8
2.5°	5155.2
5°	4538.3
7.5°	3661.8
10°	2609.5
12.5°	1619.9
15°	878.8
17.5°	454.5
20°	246.3
22.5°	135.5
25°	72.8
27.5°	34.7
30°	19.0
32.5°	13.4
35°	10.1
37.5°	6.7
40°	4.5
42.5°	2.2
45°	1.1
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)