

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: P1304510

Luminaire Tested: P3RT05R709740DE010 E3CBUS1MW

Issue Date: 1/29/2026

**Test Information**

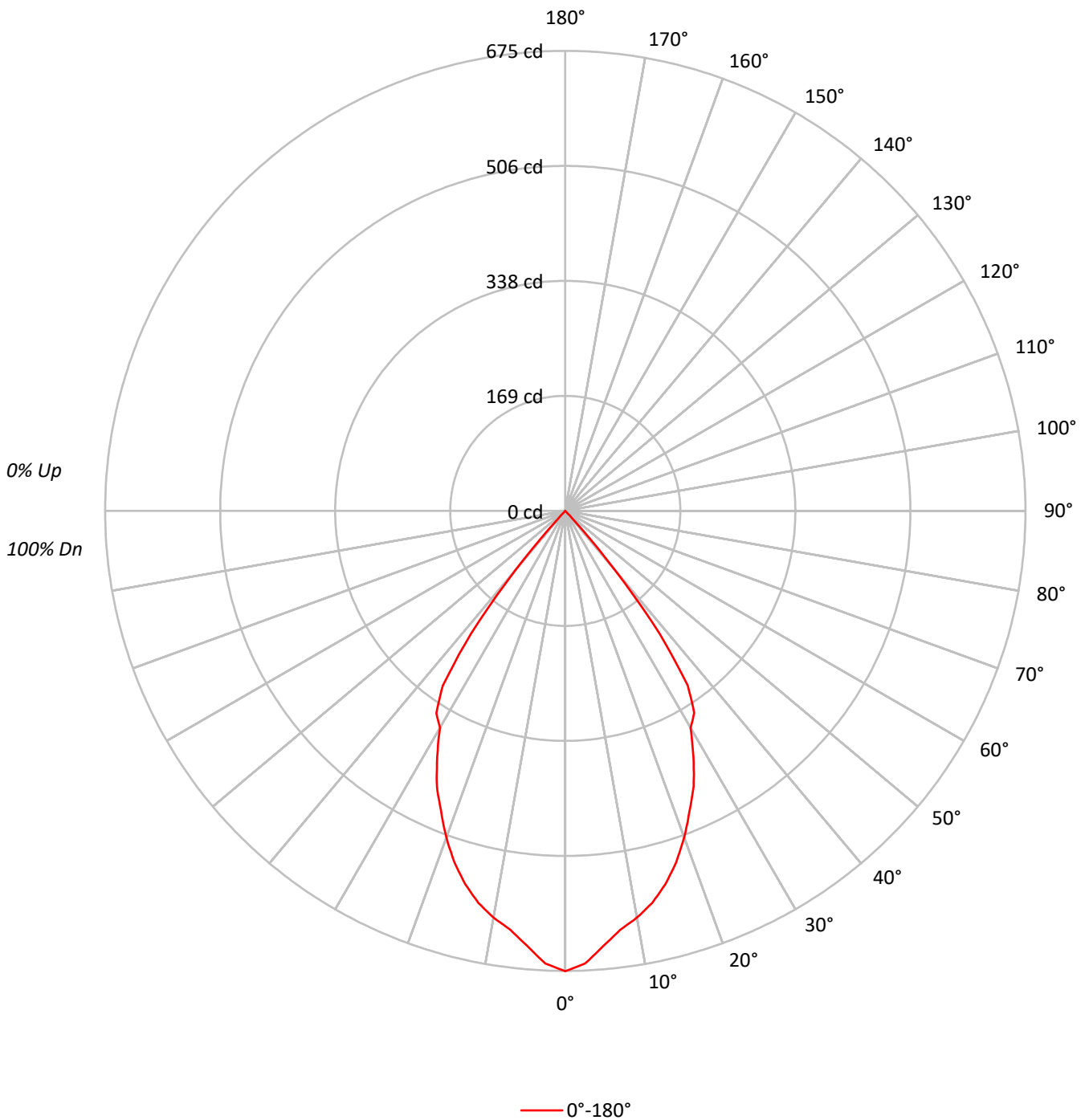
Test Method: LM-79-2019  
Report Number: P1304510  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-95)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3RT05R709740DE010 E3CBUS1MW  
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 609.0 lumens  
Efficiency: N/A  
Efficacy: 84.6 lumens/watt  
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.99  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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

TEST NUMBER: P1304510  
CATALOG NUMBER: P3RT05R709740DE010 E3CBUS1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1304510  
 CATALOG NUMBER: P3RT05R709740DE010 E3CBUS1MW

**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	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81	81	81	81
4	98	90	85	80	96	89	84	80	87	82	79	85	81	78	83	80	77	76	76	76	76
5	93	84	79	74	91	83	78	74	82	77	73	80	76	73	78	75	72	71	71	71	71
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66	66	66	66
7	83	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	61	61	61	61
8	79	70	64	60	78	69	64	60	68	63	59	67	62	59	66	62	59	57	57	57	57
9	75	66	60	56	74	65	60	56	64	59	56	63	59	55	63	58	55	54	54	54	54
10	72	62	56	52	71	62	56	52	61	56	52	60	55	52	59	55	52	51	51	51	51

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

	0°
0°	148102
5°	141030
10°	134912
15°	128695
20°	119010
25°	107837
30°	93103
35°	83788
40°	32575
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



TEST NUMBER: P1304510  
 CATALOG NUMBER: P3RT05R709740DE010 E3CBUS1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	60.1	9.9
10°-20°	158.4	26.0
20°-30°	202.6	33.3
30°-40°	174.9	28.7
40°-50°	13.0	2.1
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°	421.1	69.1
0°-40°	596.0	97.9
0°-60°	609.0	100.0
0°-90°	609.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	609.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	675	
5°	641	60
15°	567	158
25°	446	203
35°	313	175
45°	0	13
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1304510  
CATALOG NUMBER: P3RT05R709740DE010 E3CBUS1MW

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	675.4
2.5°	664.9
5°	640.7
7.5°	619.6
10°	605.9
12.5°	589.0
15°	566.9
17.5°	540.6
20°	510.0
22.5°	476.3
25°	445.7
27.5°	406.7
30°	367.7
32.5°	351.9
35°	313.0
37.5°	227.6
40°	113.8
42.5°	14.8
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)