

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: P1304509

Luminaire Tested: P3RT05R659740DE010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304509
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: P3RT05R659740DE010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

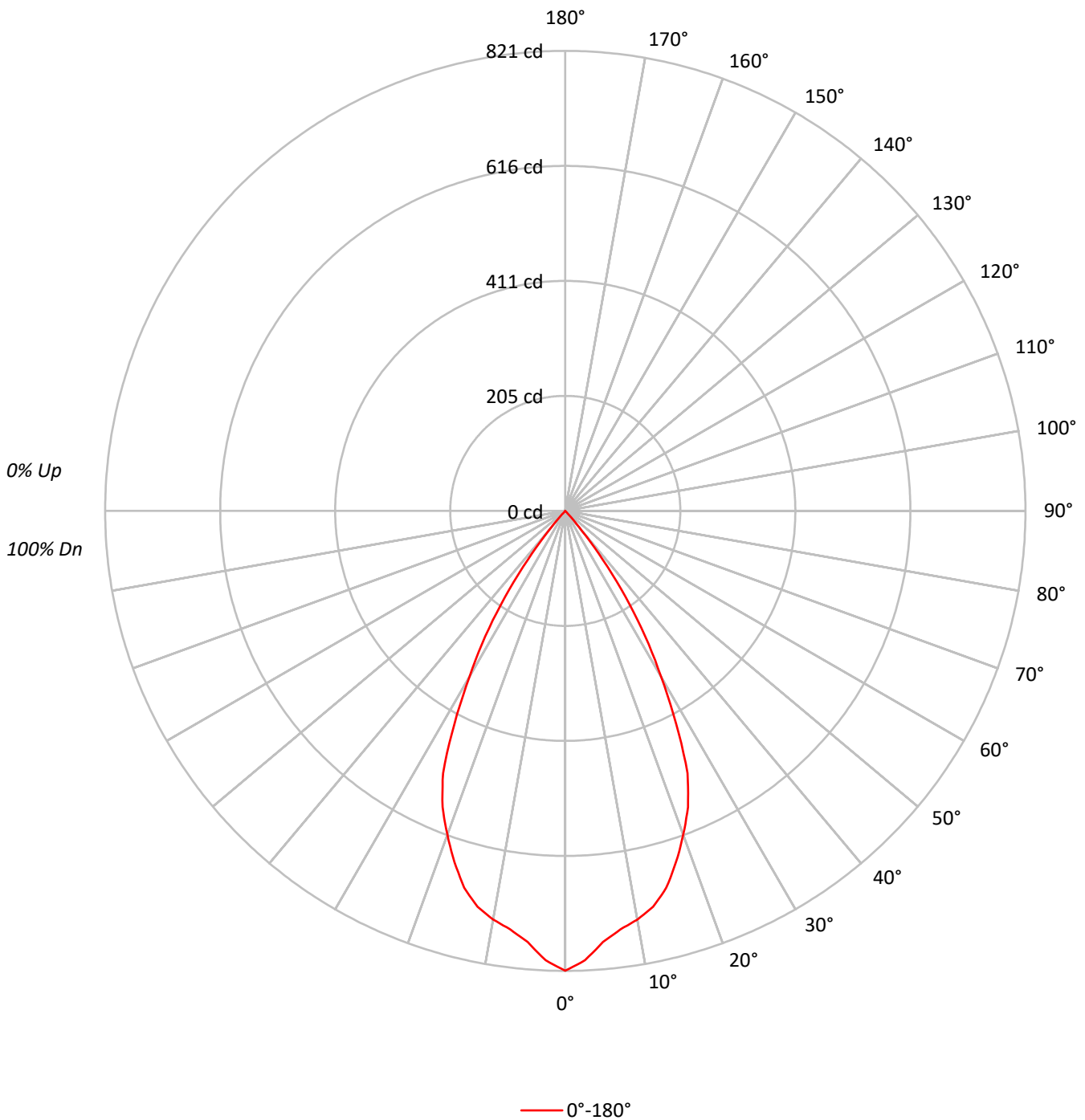
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 614.0 lumens
Efficiency: N/A
Efficacy: 85.3 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 (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: P1304509
CATALOG NUMBER: P3RT05R659740DE010 E3CBUS1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1304509
 CATALOG NUMBER: P3RT05R659740DE010 E3CBUS1MW

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	100	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	109	104	101	97	107	103	99	96	99	97	94	96	94	92	94	92	90	89	89	87	85
3	104	98	93	90	102	96	92	89	94	90	87	92	89	86	89	87	85	83	83	81	81
4	99	92	87	83	97	91	86	83	89	85	82	87	83	81	85	82	80	78	78	75	74
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74	74	71	71
6	90	82	76	72	89	81	76	72	80	75	72	78	74	71	77	73	71	69	69	67	65
7	86	77	72	68	85	77	71	68	75	71	67	74	70	67	73	69	67	65	65	63	62
8	82	73	68	64	81	73	67	64	72	67	63	71	66	63	70	66	63	62	62	60	60
9	79	69	64	60	77	69	64	60	68	63	60	67	63	60	66	62	60	58	58	56	55
10	75	66	61	57	74	66	60	57	65	60	57	64	60	57	63	59	56	55	55	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	179942
5°	169953
10°	164882
15°	158071
20°	143559
25°	124894
30°	86418
35°	50192
40°	13253
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: P1304509
 CATALOG NUMBER: P3RT05R659740DE010 E3CBUS1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.9	11.9
10°-20°	193.4	31.5
20°-30°	227.1	37.0
30°-40°	115.1	18.7
40°-50°	5.6	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°	493.4	80.4
0°-40°	608.5	99.1
0°-60°	614.0	100.0
0°-90°	614.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	614.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	821	
5°	772	73
15°	696	193
25°	516	227
35°	188	115
45°	0	6
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1304509
CATALOG NUMBER: P3RT05R659740DE010 E3CBUS1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	820.6
2.5°	802.7
5°	772.1
7.5°	753.2
10°	740.5
12.5°	723.7
15°	696.3
17.5°	657.3
20°	615.2
22.5°	572.0
25°	516.2
27.5°	428.7
30°	341.3
32.5°	265.4
35°	187.5
37.5°	109.6
40°	46.3
42.5°	7.4
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)