

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: P1304334

Luminaire Tested: P3RT05R609735DE010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304334
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-93)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT05R609735DE010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

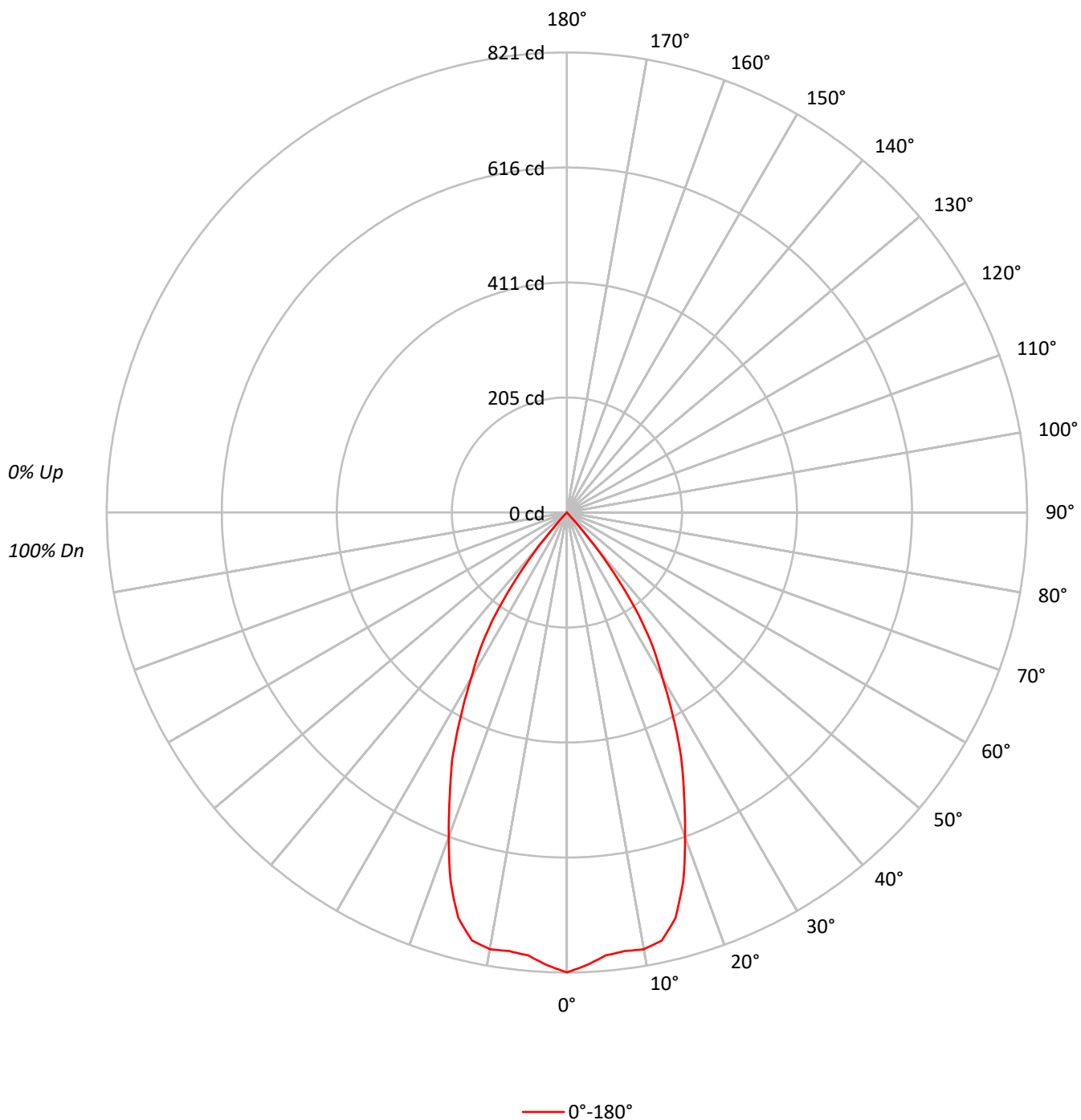
Lumens per Lamp: N/A
Luminaire Lumens: 639.0 lumens
Efficiency: N/A
Efficacy: 88.8 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.84
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1304334

CATALOG NUMBER: P3RT05R609735DE010 E3CBUS1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1304334

CATALOG NUMBER: P3RT05R609735DE010 E3CBUS1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	107	102	99	96	99	96	94		96	94	92		94
3	104	98	93	89	102	96	92	89	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	86	81	77	93	86	80	77	84	79	76		82	78	75		81
6	90	82	76	72	89	81	76	72	79	75	71		78	74	71		77
7	86	77	71	68	85	76	71	67	75	70	67		74	70	67		73
8	82	73	67	63	81	72	67	63	71	67	63		70	66	63		69
9	78	69	64	60	77	69	63	60	68	63	60		67	63	59		66
10	75	66	60	57	74	65	60	56	64	60	56		64	59	56		63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	179964
5°	174642
10°	176216
15°	170012
20°	143816
25°	116789
30°	86368
35°	59883
40°	21440
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: P1304334

CATALOG NUMBER: P3RT05R609735DE010 E3CBUS1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.8	11.9
10°-20°	204.7	32.0
20°-30°	218.1	34.1
30°-40°	132.5	20.7
40°-50°	7.9	1.2
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°	498.6	78.0
0°-40°	631.1	98.8
0°-60°	639.0	100.0
0°-90°	639.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	639.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	821	
5°	793	76
15°	749	205
25°	483	218
35°	224	132
45°	0	8
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1304334

CATALOG NUMBER: P3RT05R609735DE010 E3CBUS1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	820.7
2.5°	808.6
5°	793.4
7.5°	789.4
10°	791.4
12.5°	782.3
15°	748.9
17.5°	690.2
20°	616.3
22.5°	545.5
25°	482.7
27.5°	409.9
30°	341.1
32.5°	287.4
35°	223.7
37.5°	145.7
40°	74.9
42.5°	6.1
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)