

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: P1304574

Luminaire Tested: P3DUS17R409740DE010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304574
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-90)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS17R409740DE010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 97CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

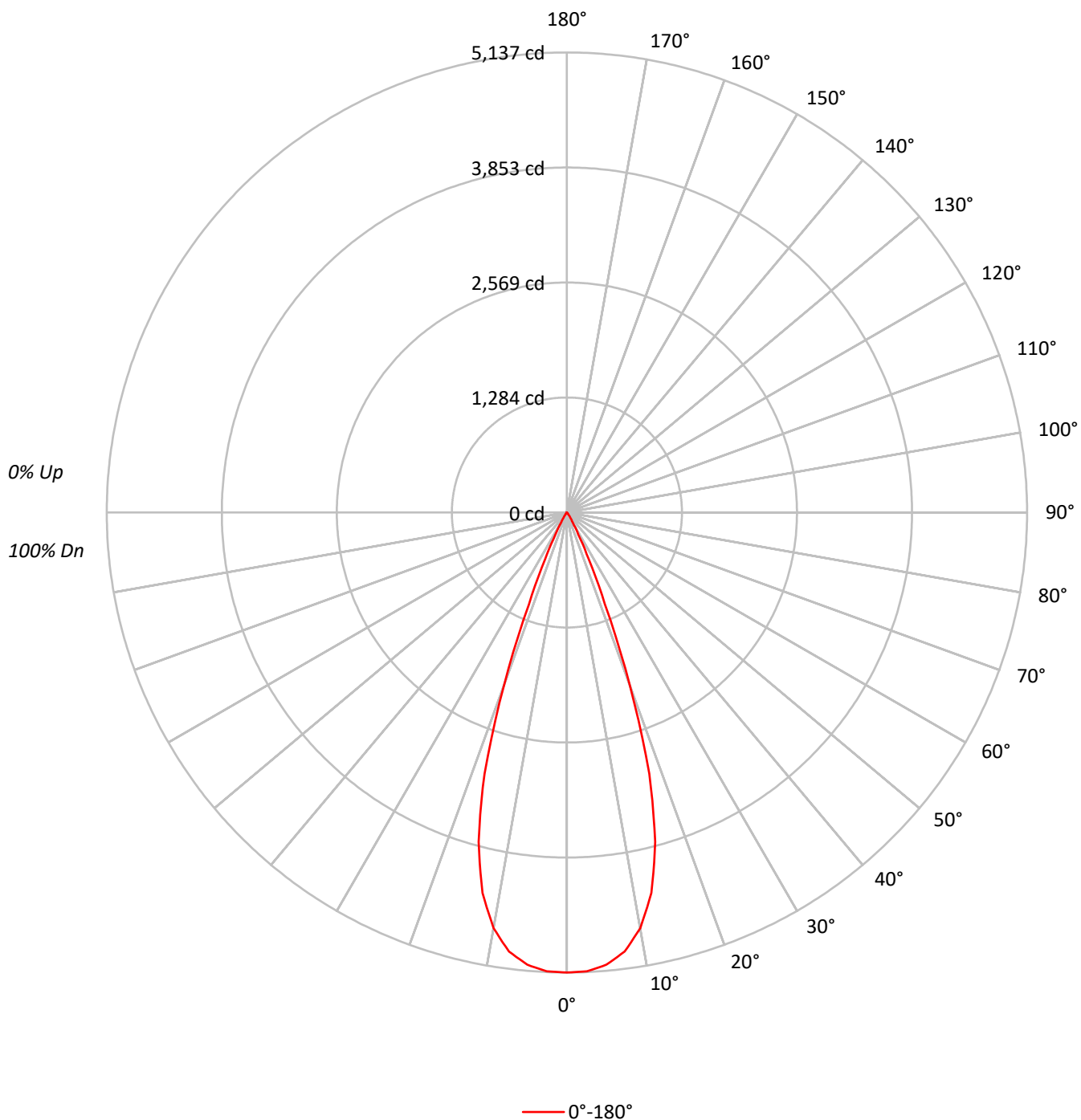
Lumens per Lamp: N/A
Luminaire Lumens: 1832.0 lumens
Efficiency: N/A
Efficacy: 86.4 lumens/watt
Spacing Criteria (0/90/45): 0.64 / 0.64 / 0.55
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1304574

CATALOG NUMBER: P3DUS17R409740DE010 E3CBUS1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1304574

CATALOG NUMBER: P3DUS17R409740DE010 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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	115	113	111	109	113	111	109	107	107	105	104		103	102	101		100	99	98	96
2	111	107	104	102	109	106	103	101	103	100	98		100	98	96		97	96	94	93
3	107	103	99	96	106	101	98	95	99	96	94		97	94	92		94	93	91	90
4	104	98	94	91	102	97	94	91	95	92	90		94	91	89		92	90	88	87
5	101	95	90	87	99	94	90	87	92	89	86		91	88	86		89	87	85	84
6	98	91	87	84	96	90	86	84	89	86	83		88	85	83		87	84	82	81
7	95	88	84	81	94	87	83	80	86	83	80		85	82	80		84	81	79	78
8	92	85	81	78	91	85	80	78	84	80	77		83	79	77		82	79	77	76
9	89	82	78	75	88	82	78	75	81	77	75		80	77	75		80	77	74	73
10	87	80	76	73	86	79	75	73	79	75	73		78	75	72		77	74	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1126379
5°	1115780
10°	1049146
15°	864432
20°	478702
25°	138806
30°	34258
35°	12314
40°	3092
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: P1304574

CATALOG NUMBER: P3DUS17R409740DE010 E3CBUS1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	472.9	25.8
10°-20°	996.7	54.4
20°-30°	328.0	17.9
30°-40°	33.0	1.8
40°-50°	1.5	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°	1797.5	98.1
0°-40°	1830.5	99.9
0°-60°	1832.0	100.0
0°-90°	1832.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1832.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5137	
5°	5069	473
15°	3808	997
25°	574	328
35°	46	33
45°	0	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1304574

CATALOG NUMBER: P3DUS17R409740DE010 E3CBUS1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	5136.7
2.5°	5128.5
5°	5069.0
7.5°	4944.5
10°	4711.8
12.5°	4351.8
15°	3807.8
17.5°	3058.2
20°	2051.4
22.5°	1106.9
25°	573.7
27.5°	273.3
30°	135.3
32.5°	75.8
35°	46.0
37.5°	24.4
40°	10.8
42.5°	2.7
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)