

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: P1274438

Luminaire Tested: P3AS17R409830DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274438
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409830DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

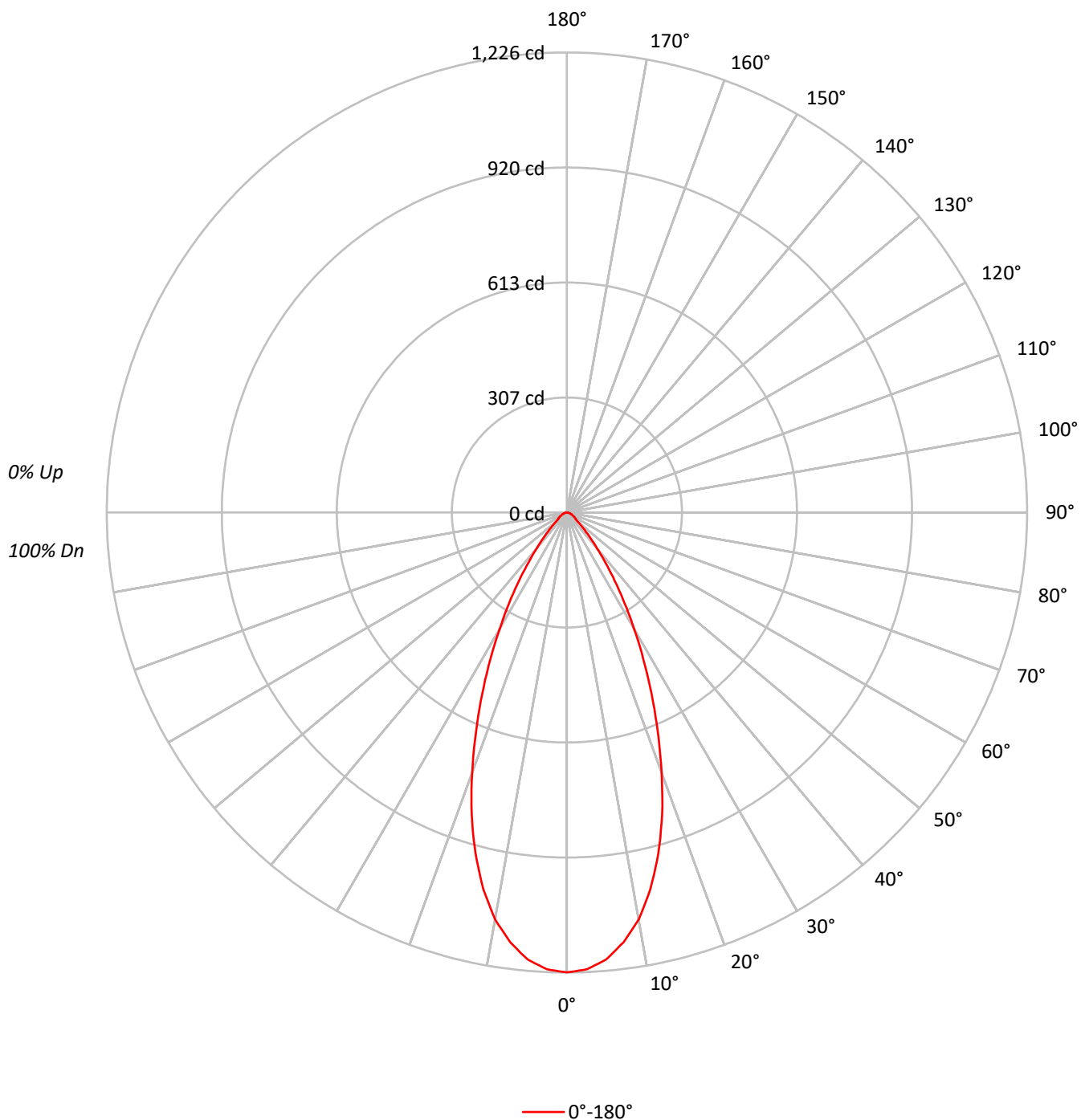
Lumens per Lamp: N/A
Luminaire Lumens: 862.9 lumens
Efficiency: N/A
Efficacy: 42.3 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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: P1274438

CATALOG NUMBER: P3AS17R409830DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1274438

CATALOG NUMBER: P3AS17R409830DE010 E3DLP1MW

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	268728
5°	263283
10°	245130
15°	213645
20°	172192
25°	129056
30°	90748
35°	59454
40°	35982
45°	21491
50°	12827
55°	10322
60°	9254
65°	7939
70°	7501
75°	5931
80°	5935
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21491 cd/sqm

TEST NUMBER: P1274438

CATALOG NUMBER: P3AS17R409830DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.1	12.9
10°-20°	259.2	30.0
20°-30°	244.3	28.3
30°-40°	141.3	16.4
40°-50°	56.3	6.5
50°-60°	24.9	2.9
60°-70°	15.4	1.8
70°-80°	8.0	0.9
80°-90°	2.5	0.3
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°	614.6	71.2
0°-40°	755.8	87.6
0°-60°	837.0	97.0
0°-90°	862.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	862.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1226	
5°	1196	111
15°	941	259
25°	533	244
35°	222	141
45°	69	56
55°	27	25
65°	15	15
75°	7	8
85°	2	3
90°	0	

TEST NUMBER: P1274438

CATALOG NUMBER: P3AS17R409830DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1225.5
2.5°	1218.4
5°	1196.1
7.5°	1155.0
10°	1100.9
12.5°	1028.1
15°	941.1
17.5°	843.6
20°	737.9
22.5°	632.1
25°	533.4
27.5°	441.8
30°	358.4
32.5°	285.5
35°	222.1
37.5°	168.0
40°	125.7
42.5°	94.0
45°	69.3
47.5°	50.5
50°	37.6
52.5°	30.5
55°	27.0
57.5°	24.7
60°	21.1
62.5°	17.6
65°	15.3
67.5°	12.9
70°	11.7
72.5°	9.4
75°	7.0
77.5°	5.9
80°	4.7
82.5°	3.5
85°	2.3
87.5°	1.2
90°	0.0

(END OF REPORT)