

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: P1274488

Luminaire Tested: P3AS17R509830DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274488
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509830DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

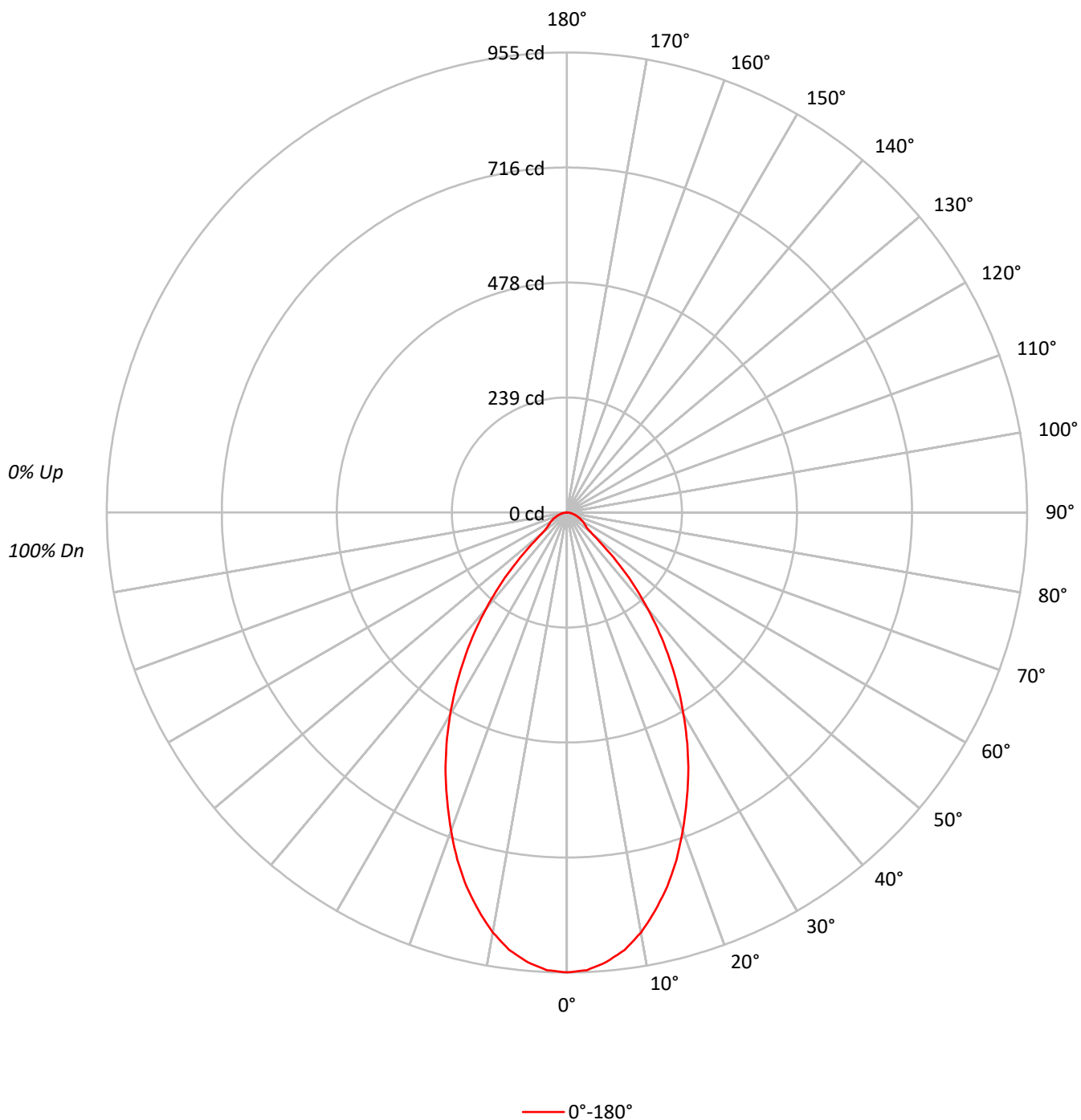
Lumens per Lamp: N/A
Luminaire Lumens: 1030.0 lumens
Efficiency: N/A
Efficacy: 50.5 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1274488

CATALOG NUMBER: P3AS17R509830DE010 E3DLD1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1274488

CATALOG NUMBER: P3AS17R509830DE010 E3DLD1WMH

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	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	209325
5°	206229
10°	197102
15°	182544
20°	164048
25°	144202
30°	122626
35°	99448
40°	74711
45°	48129
50°	22856
55°	17968
60°	17016
65°	15877
70°	14297
75°	12963
80°	11870
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48129 cd/sqm

TEST NUMBER: P1274488

CATALOG NUMBER: P3AS17R509830DE010 E3DLD1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.8	8.5
10°-20°	224.2	21.8
20°-30°	272.4	26.4
30°-40°	231.0	22.4
40°-50°	120.0	11.6
50°-60°	43.3	4.2
60°-70°	30.0	2.9
70°-80°	16.3	1.6
80°-90°	5.1	0.5
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°	584.4	56.7
0°-40°	815.4	79.2
0°-60°	978.7	95.0
0°-90°	1030.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1030.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	955	
5°	937	88
15°	804	224
25°	596	272
35°	372	231
45°	155	120
55°	47	43
65°	31	30
75°	15	16
85°	5	5
90°	0	

TEST NUMBER: P1274488

CATALOG NUMBER: P3AS17R509830DE010 E3DLD1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	954.6
2.5°	951.0
5°	936.9
7.5°	915.8
10°	885.2
12.5°	846.4
15°	804.1
17.5°	755.9
20°	703.0
22.5°	648.9
25°	596.0
27.5°	540.8
30°	484.3
32.5°	427.9
35°	371.5
37.5°	316.2
40°	261.0
42.5°	208.1
45°	155.2
47.5°	103.4
50°	67.0
52.5°	51.7
55°	47.0
57.5°	42.3
60°	38.8
62.5°	34.1
65°	30.6
67.5°	25.9
70°	22.3
72.5°	18.8
75°	15.3
77.5°	11.8
80°	9.4
82.5°	7.1
85°	4.7
87.5°	2.4
90°	0.0

(END OF REPORT)