

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: P1274569

Luminaire Tested: P3AS17R659830DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274569
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659830DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

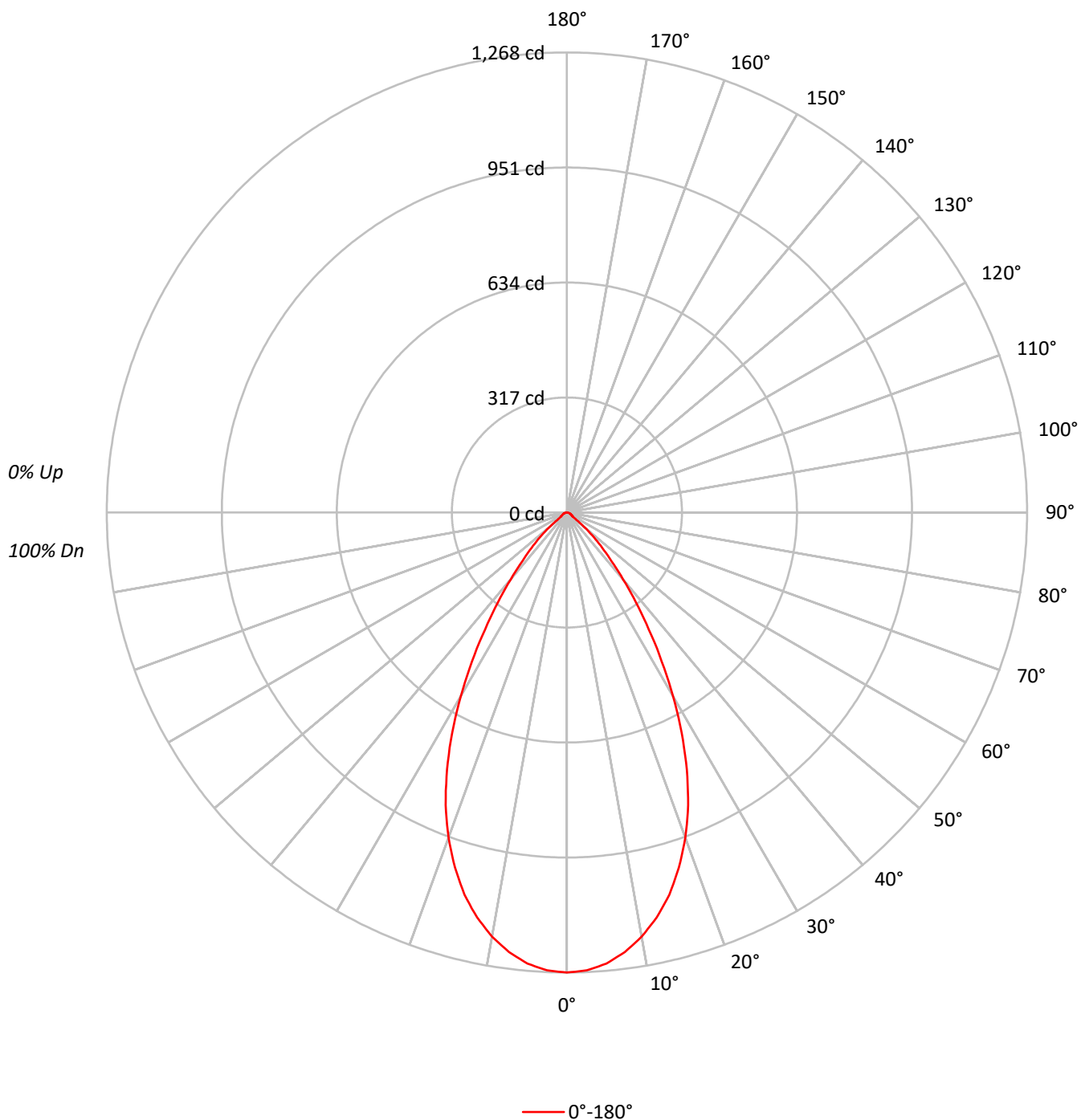
Lumens per Lamp: N/A
Luminaire Lumens: 1179.0 lumens
Efficiency: N/A
Efficacy: 57.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1274569

CATALOG NUMBER: P3AS17R659830DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1274569

CATALOG NUMBER: P3AS17R659830DE010 E3DL1WMH

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	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	278048
5°	274708
10°	264279
15°	247561
20°	222666
25°	189084
30°	147871
35°	105390
40°	68958
45°	42640
50°	21662
55°	7646
60°	6710
65°	6693
70°	6027
75°	6015
80°	5935
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42640 cd/sqm

TEST NUMBER: P1274569

CATALOG NUMBER: P3AS17R659830DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.2	9.9
10°-20°	303.5	25.7
20°-30°	354.7	30.1
30°-40°	247.9	21.0
40°-50°	109.1	9.3
50°-60°	24.3	2.1
60°-70°	12.4	1.0
70°-80°	7.5	0.6
80°-90°	2.6	0.2
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°	775.4	65.8
0°-40°	1023.3	86.8
0°-60°	1156.7	98.1
0°-90°	1179.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1179.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1268	
5°	1248	117
15°	1090	304
25°	782	355
35°	394	248
45°	138	109
55°	20	24
65°	13	12
75°	7	7
85°	2	3
90°	0	

TEST NUMBER: P1274569

CATALOG NUMBER: P3AS17R659830DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1268.0
2.5°	1263.3
5°	1248.0
7.5°	1222.1
10°	1186.9
12.5°	1143.4
15°	1090.5
17.5°	1025.9
20°	954.2
22.5°	873.1
25°	781.5
27.5°	685.1
30°	584.0
32.5°	486.5
35°	393.7
37.5°	312.6
40°	240.9
42.5°	182.1
45°	137.5
47.5°	101.1
50°	63.5
52.5°	32.9
55°	20.0
57.5°	17.6
60°	15.3
62.5°	14.1
65°	12.9
67.5°	10.6
70°	9.4
72.5°	8.2
75°	7.1
77.5°	5.9
80°	4.7
82.5°	3.5
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)