

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: P1255137

Luminaire Tested: P3AS17R459035DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255137
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459035DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

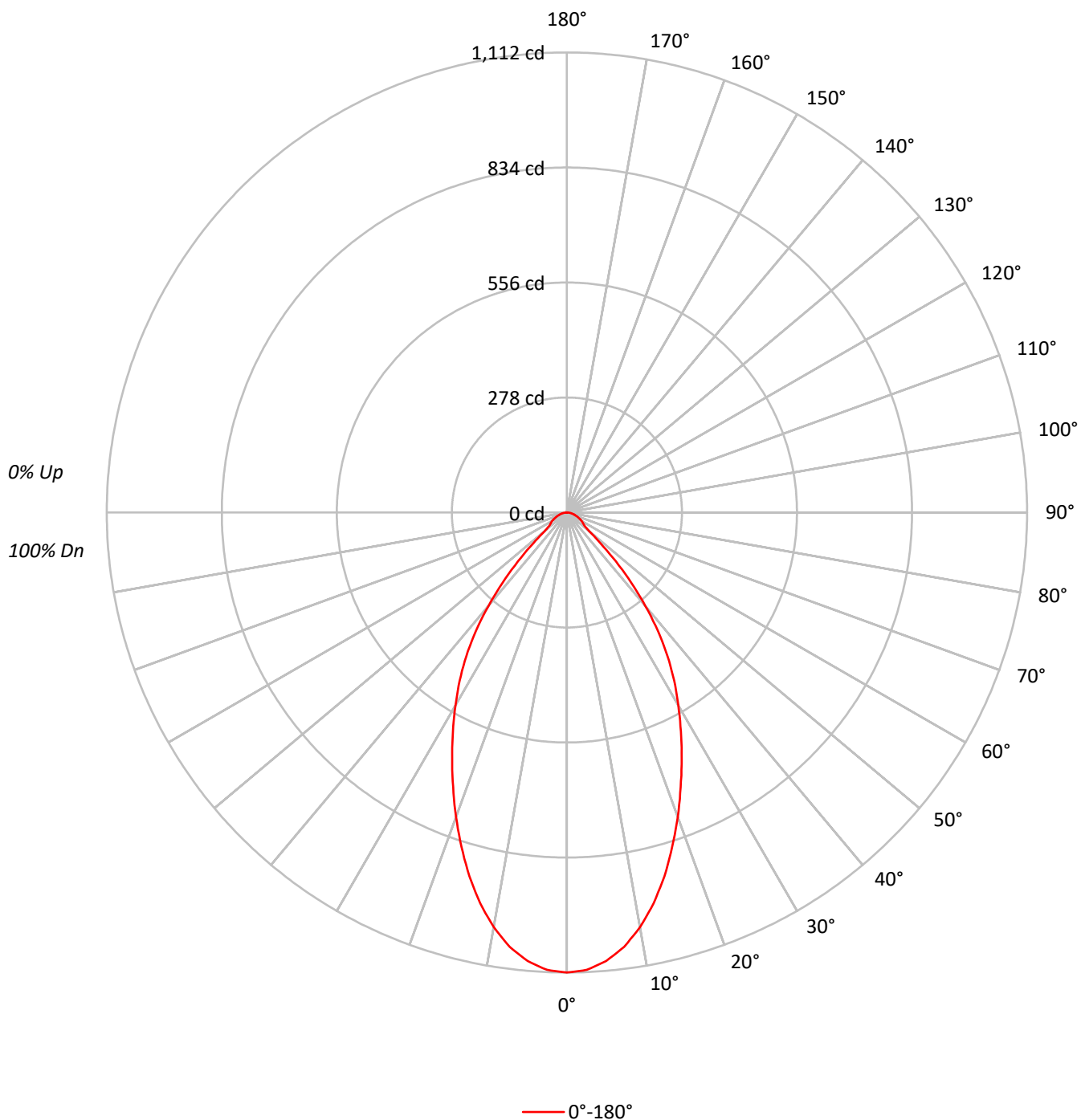
Lumens per Lamp: N/A
Luminaire Lumens: 1150.0 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255137

CATALOG NUMBER: P3AS17R459035DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1255137

CATALOG NUMBER: P3AS17R459035DE010 E3DLD1MW

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	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	243818
5°	239511
10°	226627
15°	206698
20°	182786
25°	158719
30°	136249
35°	113528
40°	84587
45°	51788
50°	23948
55°	18733
60°	18025
65°	16500
70°	15323
75°	14572
80°	13386
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 51788 cd/sqm

TEST NUMBER: P1255137

CATALOG NUMBER: P3AS17R459035DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.6	8.8
10°-20°	253.5	22.0
20°-30°	301.2	26.2
30°-40°	261.7	22.8
40°-50°	131.2	11.4
50°-60°	45.6	4.0
60°-70°	31.9	2.8
70°-80°	17.8	1.6
80°-90°	5.4	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°	656.3	57.1
0°-40°	918.0	79.8
0°-60°	1094.8	95.2
0°-90°	1150.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1150.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1112	
5°	1088	102
15°	910	254
25°	656	301
35°	424	262
45°	167	131
55°	49	46
65°	32	32
75°	17	18
85°	4	5
90°	0	

TEST NUMBER: P1255137

CATALOG NUMBER: P3AS17R459035DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1111.9
2.5°	1106.6
5°	1088.1
7.5°	1058.9
10°	1017.8
12.5°	967.5
15°	910.5
17.5°	846.9
20°	783.3
22.5°	718.3
25°	656.0
27.5°	596.4
30°	538.1
32.5°	482.4
35°	424.1
37.5°	361.8
40°	295.5
42.5°	230.6
45°	167.0
47.5°	110.0
50°	70.2
52.5°	54.3
55°	49.0
57.5°	45.1
60°	41.1
62.5°	37.1
65°	31.8
67.5°	27.8
70°	23.9
72.5°	19.9
75°	17.2
77.5°	13.3
80°	10.6
82.5°	8.0
85°	4.0
87.5°	2.7
90°	0.0

(END OF REPORT)