

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: P1267884

Luminaire Tested: P3A17R459735DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267884
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R459735DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

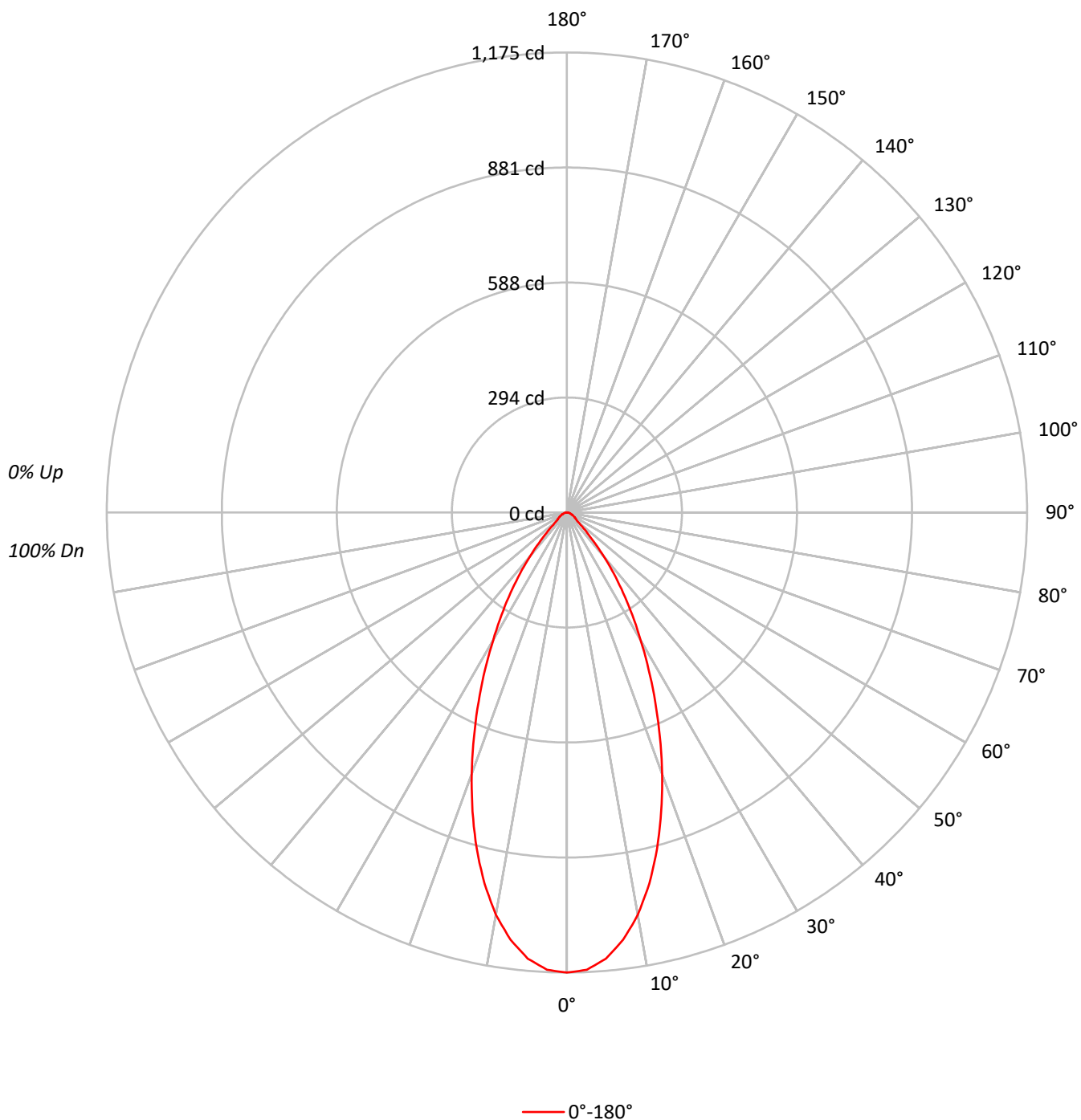
Lumens per Lamp: N/A
Luminaire Lumens: 865.1 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1267884

CATALOG NUMBER: P3A17R459735DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1267884

CATALOG NUMBER: P3A17R459735DE010 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	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	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	62	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	257655
5°	251771
10°	232260
15°	201953
20°	165914
25°	129080
30°	95331
35°	67084
40°	41878
45°	22669
50°	12281
55°	10552
60°	9473
65°	8094
70°	6924
75°	7117
80°	6061
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22669 cd/sqm

TEST NUMBER: P1267884

CATALOG NUMBER: P3A17R459735DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.9	12.2
10°-20°	245.9	28.4
20°-30°	244.2	28.2
30°-40°	157.2	18.2
40°-50°	60.6	7.0
50°-60°	24.6	2.8
60°-70°	15.6	1.8
70°-80°	8.4	1.0
80°-90°	2.6	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°	596.0	68.9
0°-40°	753.3	87.1
0°-60°	838.5	96.9
0°-90°	865.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	865.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1175	
5°	1144	106
15°	890	246
25°	534	244
35°	251	157
45°	73	61
55°	28	25
65°	16	16
75°	8	8
85°	2	3
90°	0	

TEST NUMBER: P1267884

CATALOG NUMBER: P3A17R459735DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	1175.0
2.5°	1169.0
5°	1143.8
7.5°	1100.6
10°	1043.1
12.5°	971.2
15°	889.6
17.5°	800.9
20°	711.0
22.5°	619.9
25°	533.5
27.5°	452.0
30°	376.5
32.5°	310.5
35°	250.6
37.5°	196.6
40°	146.3
42.5°	105.5
45°	73.1
47.5°	49.2
50°	36.0
52.5°	30.0
55°	27.6
57.5°	24.0
60°	21.6
62.5°	18.0
65°	15.6
67.5°	13.2
70°	10.8
72.5°	9.6
75°	8.4
77.5°	6.0
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)