

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: P1267978

Luminaire Tested: P3AS17R659735DE010 E3CD1MMS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267978
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659735DE010 E3CD1MMS
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3CD1MMS TRIM
Light Source: -
Ballast/Driver: -

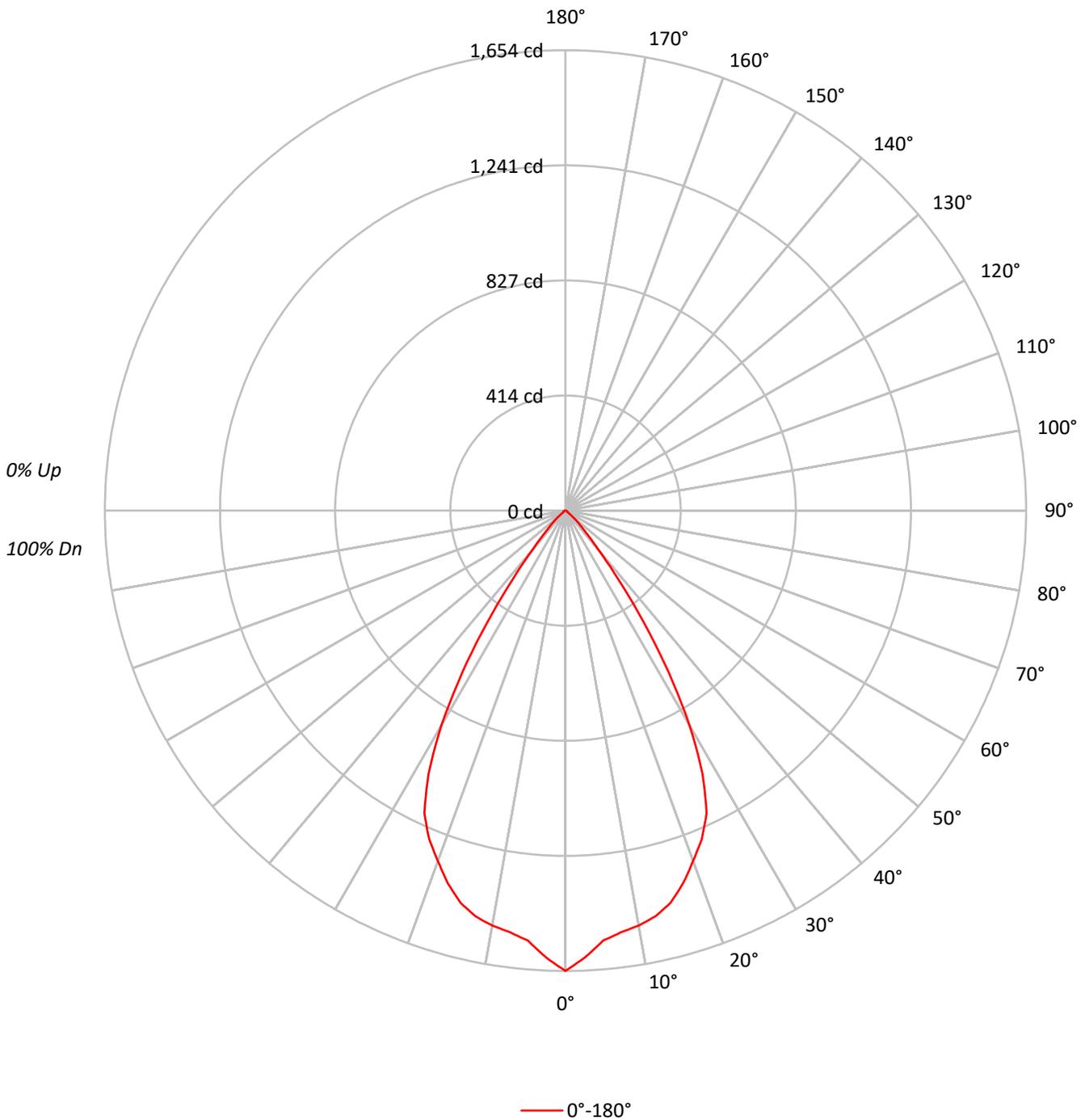
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1484.0 lumens
Efficiency: N/A
Efficacy: 70.0 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
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: P1267978
CATALOG NUMBER: P3AS17R659735DE010 E3CD1MMS

Luminous Intensity Polar Plot





TEST NUMBER: P1267978
 CATALOG NUMBER: P3AS17R659735DE010 E3CD1MMS

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94				94
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87				87
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	88	85	83	81				81
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75				75
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70				70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66				66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62				62
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58				58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54				54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51				51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	362646
5°	341315
10°	336979
15°	331035
20°	312554
25°	290097
30°	225478
35°	130446
40°	52556
45°	24189
50°	9415
55°	3670
60°	3158
65°	3113
70°	3077
75°	3050
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 24189 cd/sqm



TEST NUMBER: P1267978
 CATALOG NUMBER: P3AS17R659735DE010 E3CD1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.4	9.9
10°-20°	407.2	27.4
20°-30°	533.1	35.9
30°-40°	308.8	20.8
40°-50°	66.1	4.5
50°-60°	10.8	0.7
60°-70°	5.9	0.4
70°-80°	3.5	0.2
80°-90°	1.3	0.1
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°	1087.7	73.3
0°-40°	1396.4	94.1
0°-60°	1473.3	99.3
0°-90°	1484.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1484.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1654	
5°	1551	147
15°	1458	407
25°	1199	533
35°	487	309
45°	78	66
55°	10	11
65°	6	6
75°	4	3
85°	1	1
90°	0	



TEST NUMBER: P1267978
CATALOG NUMBER: P3AS17R659735DE010 E3CD1MMS

CANDELA DISTRIBUTION (FULL):

0°	
0°	1653.8
2.5°	1607.0
5°	1550.6
7.5°	1527.8
10°	1513.4
12.5°	1493.0
15°	1458.2
17.5°	1404.2
20°	1339.4
22.5°	1278.2
25°	1199.0
27.5°	1065.8
30°	890.5
32.5°	690.1
35°	487.3
37.5°	308.4
40°	183.6
42.5°	115.2
45°	78.0
47.5°	50.4
50°	27.6
52.5°	13.2
55°	9.6
57.5°	8.4
60°	7.2
62.5°	7.2
65°	6.0
67.5°	4.8
70°	4.8
72.5°	3.6
75°	3.6
77.5°	2.4
80°	2.4
82.5°	1.2
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)