

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: P1272218

Luminaire Tested: P3AS17R159827DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272218
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159827DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

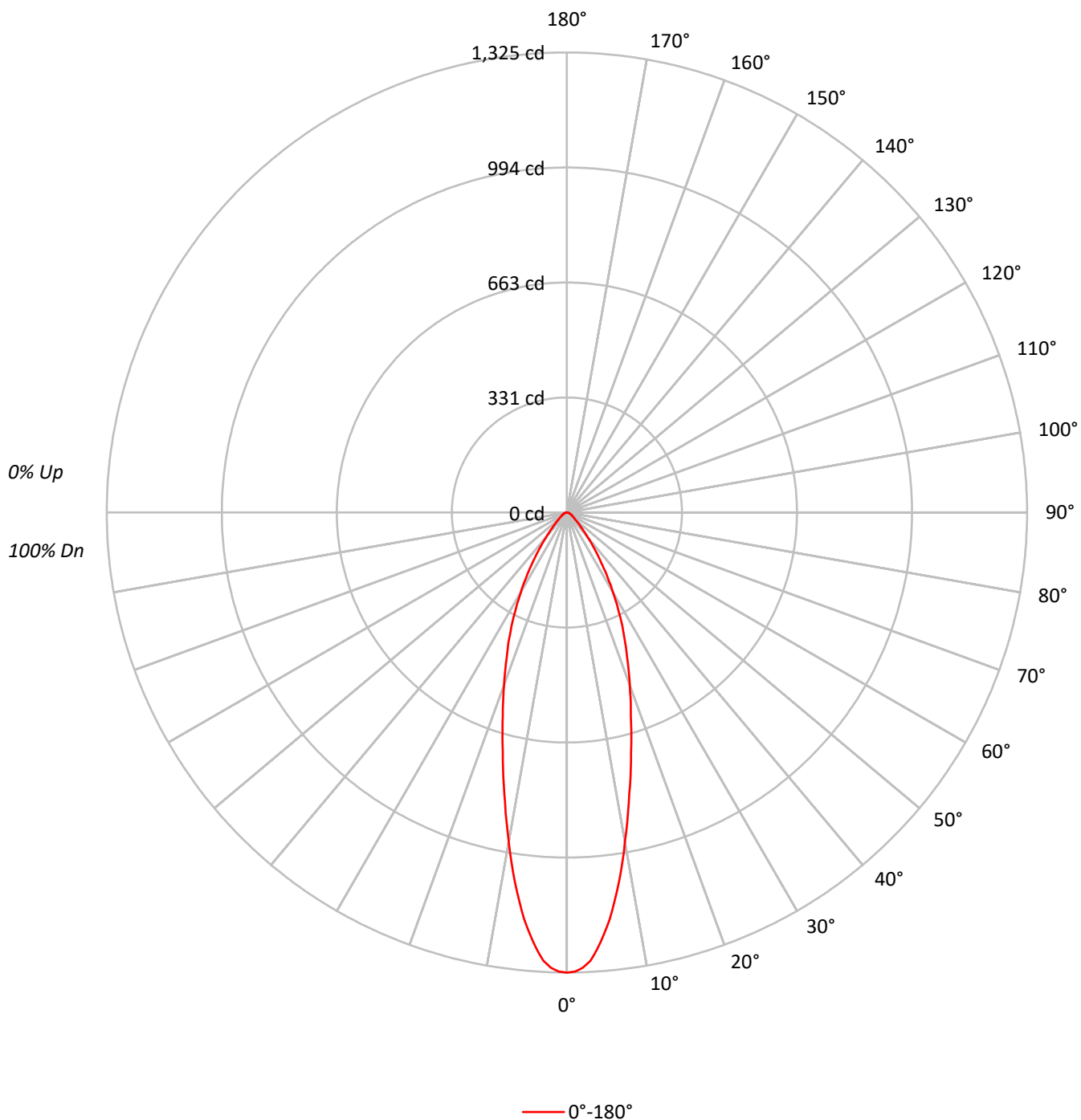
Lumens per Lamp: N/A
Luminaire Lumens: 674.0 lumens
Efficiency: N/A
Efficacy: 33.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1272218

CATALOG NUMBER: P3AS17R159827DE010 E3DLP1MW

Luminous Intensity Polar Plot



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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	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	290635
5°	268632
10°	214469
15°	161999
20°	123351
25°	93997
30°	67352
35°	43955
40°	26936
45°	16281
50°	10814
55°	8372
60°	7192
65°	6226
70°	5642
75°	5592
80°	4167
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16281 cd/sqm

TEST NUMBER: P1272218

CATALOG NUMBER: P3AS17R159827DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.1	16.0
10°-20°	199.5	29.6
20°-30°	177.6	26.3
30°-40°	105.1	15.6
40°-50°	43.1	6.4
50°-60°	20.2	3.0
60°-70°	12.3	1.8
70°-80°	6.5	1.0
80°-90°	1.6	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°	485.1	72.0
0°-40°	590.2	87.6
0°-60°	653.5	97.0
0°-90°	674.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	674.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1325	
5°	1220	108
15°	714	199
25°	388	178
35°	164	105
45°	52	43
55°	22	20
65°	12	12
75°	7	7
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1325.4
1°	1322.2
2°	1312.3
3°	1292.6
4°	1259.8
5°	1220.4
6°	1177.7
7°	1127.3
8°	1074.8
9°	1021.2
10°	963.2
12.5°	830.7
15°	713.6
17.5°	612.9
20°	528.6
22.5°	454.2
25°	388.5
27.5°	325.1
30°	266.0
32.5°	212.3
35°	164.2
37.5°	125.9
40°	94.1
42.5°	70.0
45°	52.5
47.5°	40.5
50°	31.7
52.5°	26.3
55°	21.9
57.5°	18.6
60°	16.4
62.5°	14.2
65°	12.0
67.5°	10.9
70°	8.8
72.5°	7.7
75°	6.6
77.5°	4.4
80°	3.3
82.5°	2.2
85°	1.1
87.5°	1.1
90°	0.0

(END OF REPORT)