

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: P1274561

Luminaire Tested: P3AS17R659830DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274561
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: P3AS17R659830DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

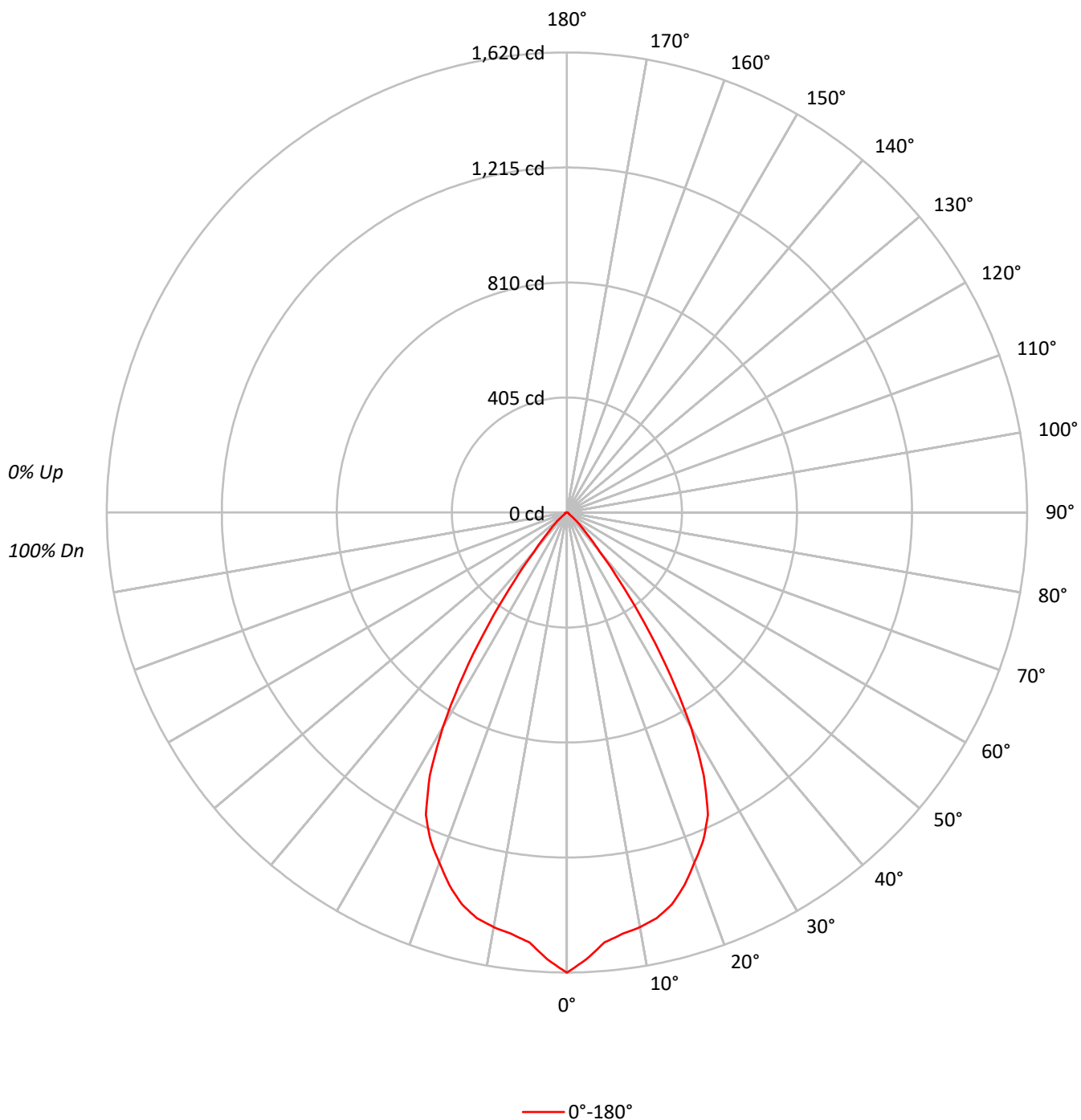
Lumens per Lamp: N/A
Luminaire Lumens: 1454.0 lumens
Efficiency: N/A
Efficacy: 71.3 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		88
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	355322
5°	334426
10°	330165
15°	324338
20°	306230
25°	284218
30°	220920
35°	127796
40°	51496
45°	23692
50°	9211
55°	3594
60°	3114
65°	3061
70°	3013
75°	2965
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23692 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.4	9.9
10°-20°	399.0	27.4
20°-30°	522.3	35.9
30°-40°	302.5	20.8
40°-50°	64.7	4.5
50°-60°	10.5	0.7
60°-70°	5.8	0.4
70°-80°	3.4	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°	1065.7	73.3
0°-40°	1368.2	94.1
0°-60°	1443.4	99.3
0°-90°	1454.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1454.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1620	
5°	1519	144
15°	1429	399
25°	1175	522
35°	477	303
45°	76	65
55°	9	11
65°	6	6
75°	4	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1620.4
2.5°	1574.6
5°	1519.3
7.5°	1496.9
10°	1482.8
12.5°	1462.8
15°	1428.7
17.5°	1375.8
20°	1312.3
22.5°	1252.4
25°	1174.7
27.5°	1044.2
30°	872.5
32.5°	676.2
35°	477.4
37.5°	302.2
40°	179.9
42.5°	112.9
45°	76.4
47.5°	49.4
50°	27.0
52.5°	12.9
55°	9.4
57.5°	8.2
60°	7.1
62.5°	7.1
65°	5.9
67.5°	4.7
70°	4.7
72.5°	3.5
75°	3.5
77.5°	2.4
80°	2.4
82.5°	1.2
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)