

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: P1271108

Luminaire Tested: P3AS02R659827DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271108
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: P3AS02R659827DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

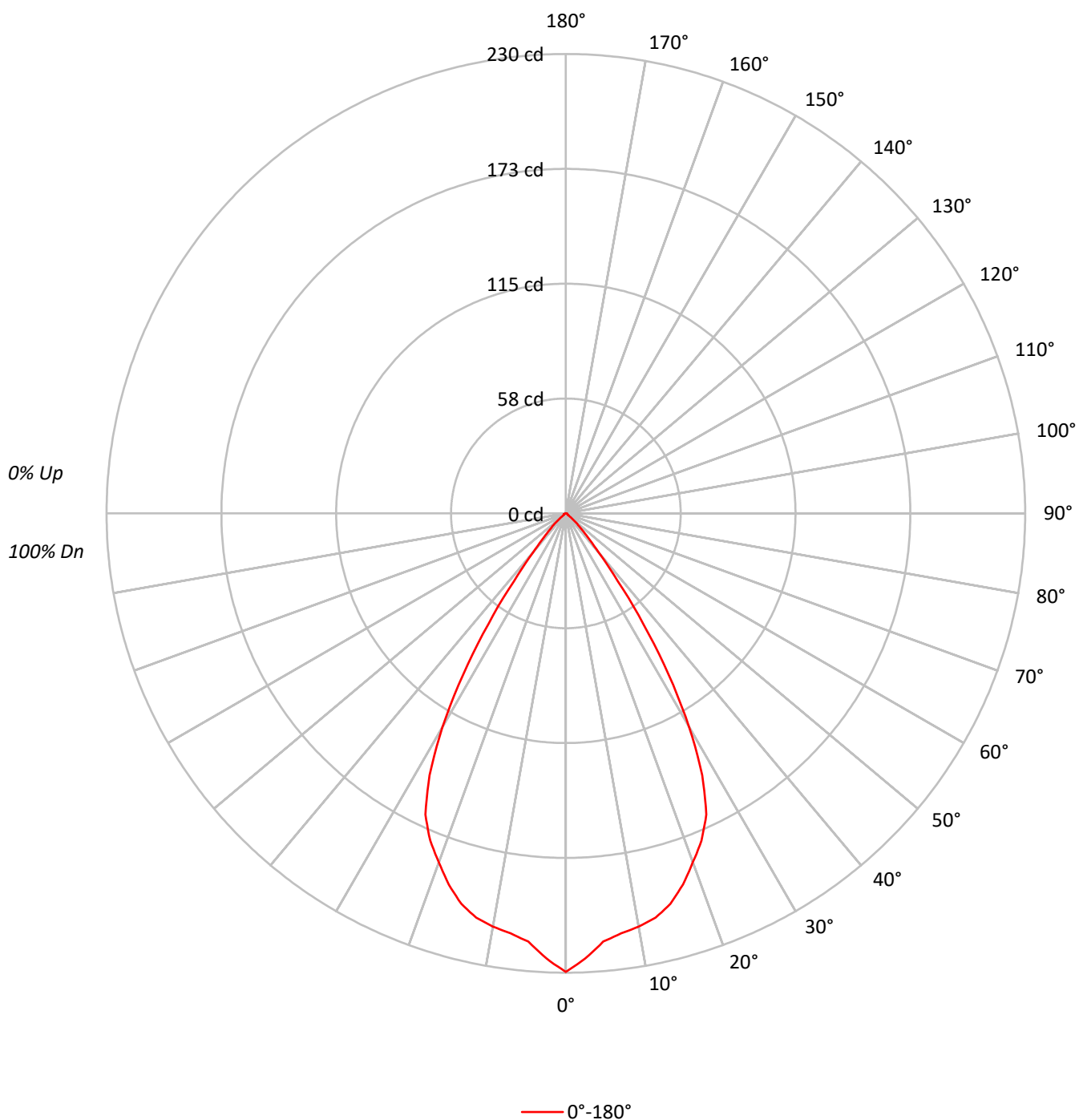
Lumens per Lamp: N/A
Luminaire Lumens: 206.0 lumens
Efficiency: N/A
Efficacy: 57.2 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1271108

CATALOG NUMBER: P3AS02R659827DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1271108

CATALOG NUMBER: P3AS02R659827DE010 E3CD1MW

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		87
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°	50347
5°	47369
10°	46782
15°	45948
20°	43380
25°	40260
30°	31296
35°	18096
40°	7299
45°	3349
50°	1296
55°	497
60°	439
65°	415
70°	449
75°	424
80°	379
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3349 cd/sqm

TEST NUMBER: P1271108

CATALOG NUMBER: P3AS02R659827DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.5	9.9
10°-20°	56.5	27.4
20°-30°	74.0	35.9
30°-40°	42.9	20.8
40°-50°	9.2	4.5
50°-60°	1.5	0.7
60°-70°	0.8	0.4
70°-80°	0.5	0.2
80°-90°	0.2	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°	151.0	73.3
0°-40°	193.8	94.1
0°-60°	204.5	99.3
0°-90°	206.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	206.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	230	
5°	215	20
15°	202	57
25°	166	74
35°	68	43
45°	11	9
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1271108

CATALOG NUMBER: P3AS02R659827DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	229.6
2.5°	223.1
5°	215.2
7.5°	212.1
10°	210.1
12.5°	207.3
15°	202.4
17.5°	194.9
20°	185.9
22.5°	177.4
25°	166.4
27.5°	147.9
30°	123.6
32.5°	95.8
35°	67.6
37.5°	42.8
40°	25.5
42.5°	16.0
45°	10.8
47.5°	7.0
50°	3.8
52.5°	1.8
55°	1.3
57.5°	1.2
60°	1.0
62.5°	1.0
65°	0.8
67.5°	0.7
70°	0.7
72.5°	0.5
75°	0.5
77.5°	0.3
80°	0.3
82.5°	0.2
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)