

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: P1271801

Luminaire Tested: P3AS09R659827DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271801
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: P3AS09R659827DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

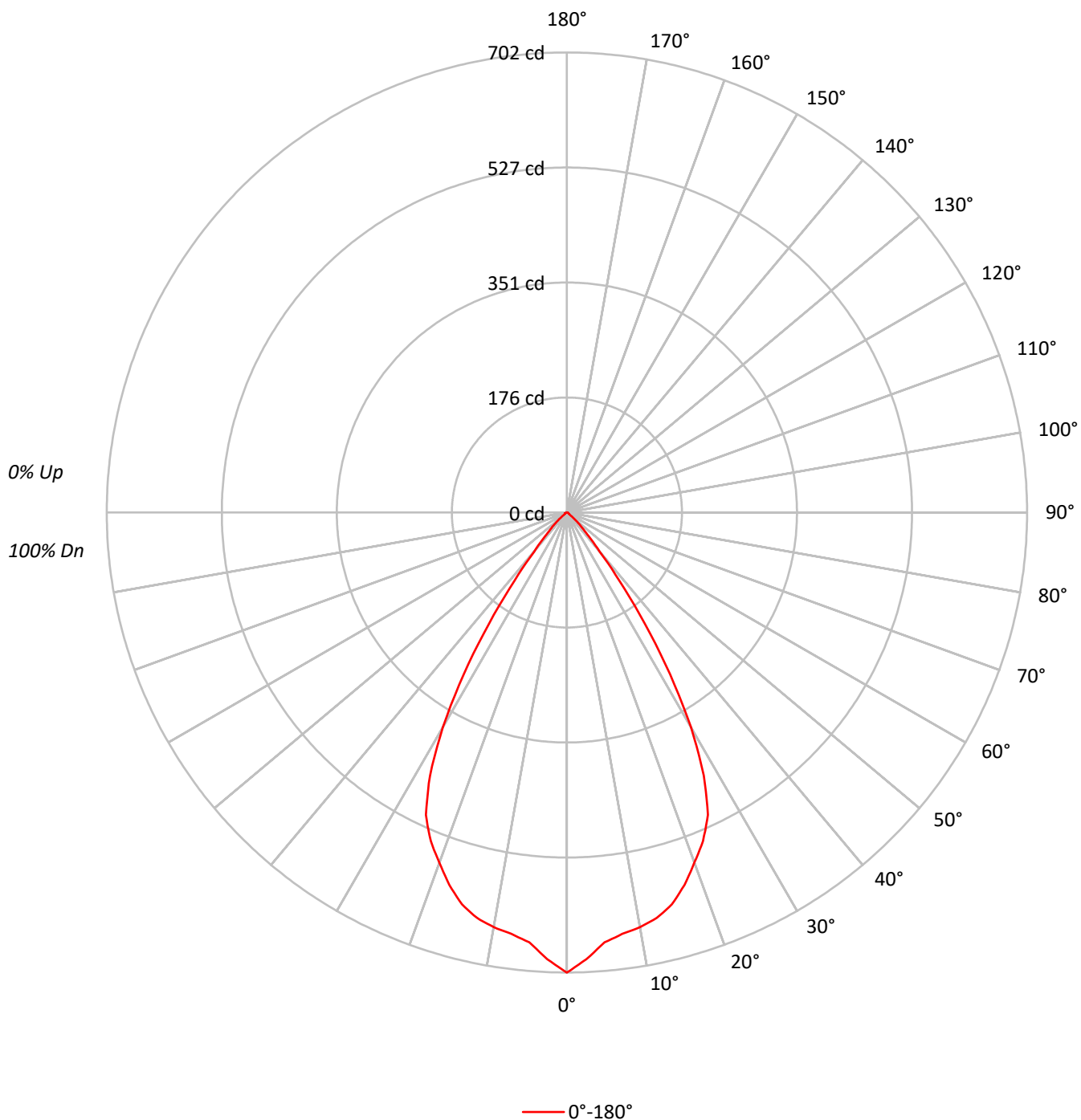
Lumens per Lamp: N/A
Luminaire Lumens: 630.0 lumens
Efficiency: N/A
Efficacy: 57.3 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	108	106		111	109	106	104		105	103	101		101	99	98		97	96	95
2	108	103	99	96		106	101	98	95		98	95	93		95	93	91		92	90	89
3	103	96	91	87		101	95	90	87		92	88	85		90	87	84		88	85	83
4	97	90	84	80		96	89	84	80		87	82	79		85	81	78		83	80	77
5	93	84	78	74		91	83	78	74		82	77	73		80	76	73		78	75	72
6	88	79	73	69		86	78	73	69		77	72	68		75	71	68		74	70	67
7	84	74	68	64		82	74	68	64		72	67	64		71	67	63		70	66	63
8	80	70	64	60		78	69	64	60		68	63	60		67	63	59		66	62	59
9	76	66	60	56		75	66	60	56		65	60	56		64	59	56		63	59	56
10	72	63	57	53		71	62	57	53		61	56	53		60	56	53		60	55	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	153957
5°	144904
10°	143061
15°	140546
20°	132685
25°	123152
30°	95736
35°	55386
40°	22328
45°	10265
50°	3991
55°	1567
60°	1360
65°	1297
70°	1282
75°	1271
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 10265 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.6	9.9
10°-20°	172.9	27.4
20°-30°	226.3	35.9
30°-40°	131.1	20.8
40°-50°	28.0	4.5
50°-60°	4.6	0.7
60°-70°	2.5	0.4
70°-80°	1.5	0.2
80°-90°	0.5	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°	461.7	73.3
0°-40°	592.8	94.1
0°-60°	625.5	99.3
0°-90°	630.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	630.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	702	
5°	658	63
15°	619	173
25°	509	226
35°	207	131
45°	33	28
55°	4	5
65°	2	3
75°	2	1
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	702.1
2.5°	682.2
5°	658.3
7.5°	648.6
10°	642.5
12.5°	633.8
15°	619.1
17.5°	596.1
20°	568.6
22.5°	542.6
25°	509.0
27.5°	452.4
30°	378.1
32.5°	293.0
35°	206.9
37.5°	130.9
40°	78.0
42.5°	48.9
45°	33.1
47.5°	21.4
50°	11.7
52.5°	5.6
55°	4.1
57.5°	3.6
60°	3.1
62.5°	3.1
65°	2.5
67.5°	2.0
70°	2.0
72.5°	1.5
75°	1.5
77.5°	1.0
80°	1.0
82.5°	0.5
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)