

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: P1254084

Luminaire Tested: P3AS05R659035DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254084
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R659035DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

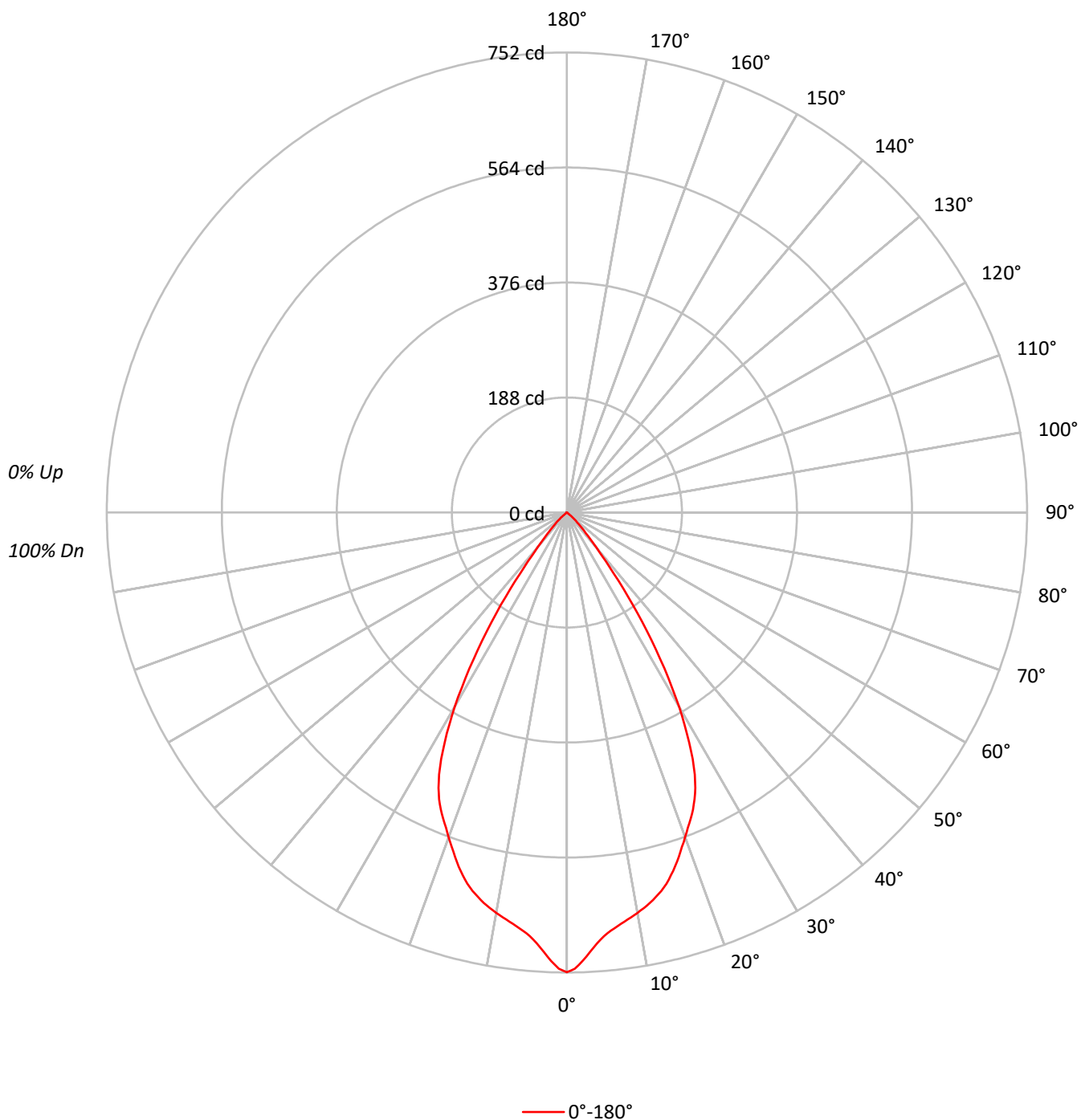
Lumens per Lamp: N/A
Luminaire Lumens: 615.0 lumens
Efficiency: N/A
Efficacy: 85.4 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1254084

CATALOG NUMBER: P3AS05R659035DE010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1254084

CATALOG NUMBER: P3AS05R659035DE010 E3D1WMH

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	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	164789
5°	153004
10°	147982
15°	142611
20°	131845
25°	120128
30°	92799
35°	53806
40°	21354
45°	9086
50°	2149
55°	306
60°	219
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9086 cd/sqm

TEST NUMBER: P1254084

CATALOG NUMBER: P3AS05R659035DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.6	10.7
10°-20°	175.0	28.5
20°-30°	221.5	36.0
30°-40°	126.1	20.5
40°-50°	25.1	4.1
50°-60°	1.3	0.2
60°-70°	0.4	0.1
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	462.1	75.1
0°-40°	588.3	95.6
0°-60°	614.6	99.9
0°-90°	615.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	615.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	752	
5°	695	66
15°	628	175
25°	496	222
35°	201	126
45°	29	25
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1254084

CATALOG NUMBER: P3AS05R659035DE010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	751.5
1°	746.0
2°	733.8
3°	719.7
4°	705.8
5°	695.1
6°	687.3
7°	681.0
8°	675.4
9°	669.9
10°	664.6
11°	658.7
12°	652.7
13°	645.3
14°	637.5
15°	628.2
16°	617.0
17°	604.9
18°	591.8
19°	577.9
20°	565.0
21°	551.8
22°	539.9
23°	527.6
24°	513.1
25°	496.5
26°	476.5
27°	452.5
28°	425.4
29°	396.6
30°	366.5
31°	333.4
32°	300.6
32.5°	283.6
33°	267.2
34°	233.8
35°	201.0
36°	170.6
37°	140.5
37.5°	125.1
38°	112.7
39°	91.3
40°	74.6
42.5°	46.0
45°	29.3



TEST NUMBER: P1254084

CATALOG NUMBER: P3AS05R659035DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	17.2
50°	6.3
52.5°	1.3
55°	0.8
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)