

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: P1271222

Luminaire Tested: P3AS05R259827DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271222
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259827DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

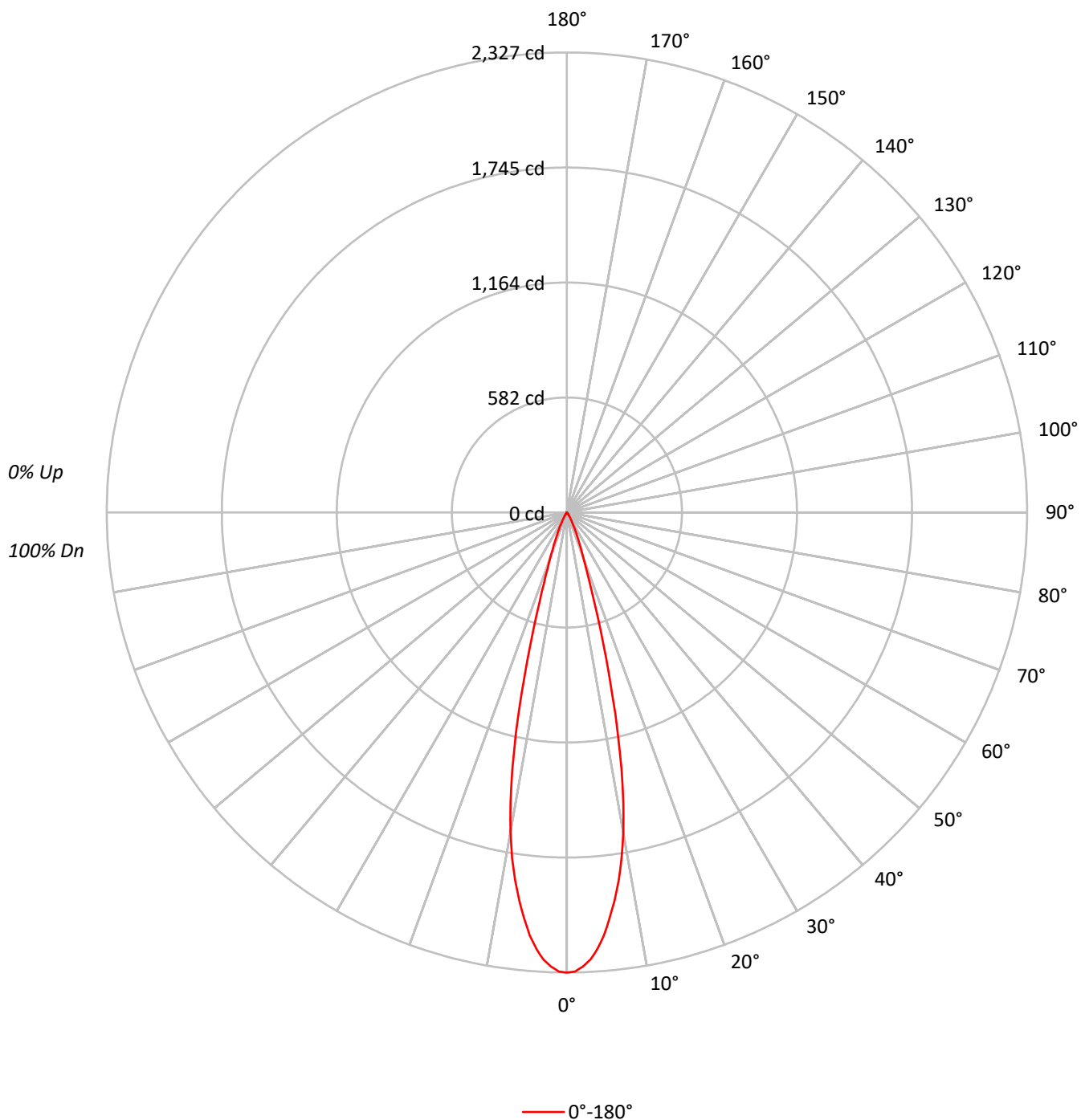
Lumens per Lamp: N/A
Luminaire Lumens: 466.0 lumens
Efficiency: N/A
Efficacy: 64.7 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1271222

CATALOG NUMBER: P3AS05R259827DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1271222

CATALOG NUMBER: P3AS05R259827DE010 E3D1LI

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	115	113	111	110	113	111	110	108	107	106	105		104	103	102		100
2	112	108	106	103	110	107	104	102	104	102	100		101	99	98		98
3	109	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	106	101	97	94	104	100	96	94	98	95	92		96	93	91		94
5	103	97	93	91	101	96	93	90	95	92	90		93	91	89		92
6	100	94	90	88	99	94	90	87	92	89	87		91	88	86		90
7	98	92	88	85	97	91	87	85	90	87	84		89	86	84		88
8	95	89	85	83	94	89	85	83	88	85	82		87	84	82		86
9	93	87	83	81	92	86	83	80	86	83	80		85	82	80		84
10	91	85	81	79	90	84	81	79	84	81	78		83	80	78		83

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	510354
5°	472770
10°	365791
15°	174712
20°	57592
25°	24292
30°	9419
35°	4069
40°	1345
45°	620
50°	239
55°	115
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 620 cd/sqm

TEST NUMBER: P1271222

CATALOG NUMBER: P3AS05R259827DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.8	40.5
10°-20°	214.7	46.1
20°-30°	49.9	10.7
30°-40°	10.5	2.2
40°-50°	1.7	0.4
50°-60°	0.3	0.1
60°-70°	0.2	0.0
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°	453.4	97.3
0°-40°	463.9	99.5
0°-60°	465.8	100.0
0°-90°	466.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	466.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2327	
5°	2148	189
15°	770	215
25°	100	50
35°	15	10
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1271222

CATALOG NUMBER: P3AS05R259827DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	2327.4
1°	2322.7
2°	2298.5
3°	2264.6
4°	2212.7
5°	2147.8
6°	2064.5
7°	1977.3
8°	1879.5
9°	1769.2
10°	1642.8
11°	1496.3
12°	1328.2
13°	1144.0
14°	951.4
15°	769.6
16°	608.8
17°	474.3
18°	373.1
19°	298.4
20°	246.8
21°	206.3
22°	173.2
23°	144.6
24°	121.0
25°	100.4
27.5°	59.5
30°	37.2
32.5°	23.8
35°	15.2
37.5°	9.1
40°	4.7
42.5°	3.0
45°	2.0
47.5°	1.2
50°	0.7
52.5°	0.3
55°	0.3
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.0
72.5°	0.0



TEST NUMBER: P1271222

CATALOG NUMBER: P3AS05R259827DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	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)