

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: P1251142

Luminaire Tested: P3AS05R259030DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251142
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259030DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

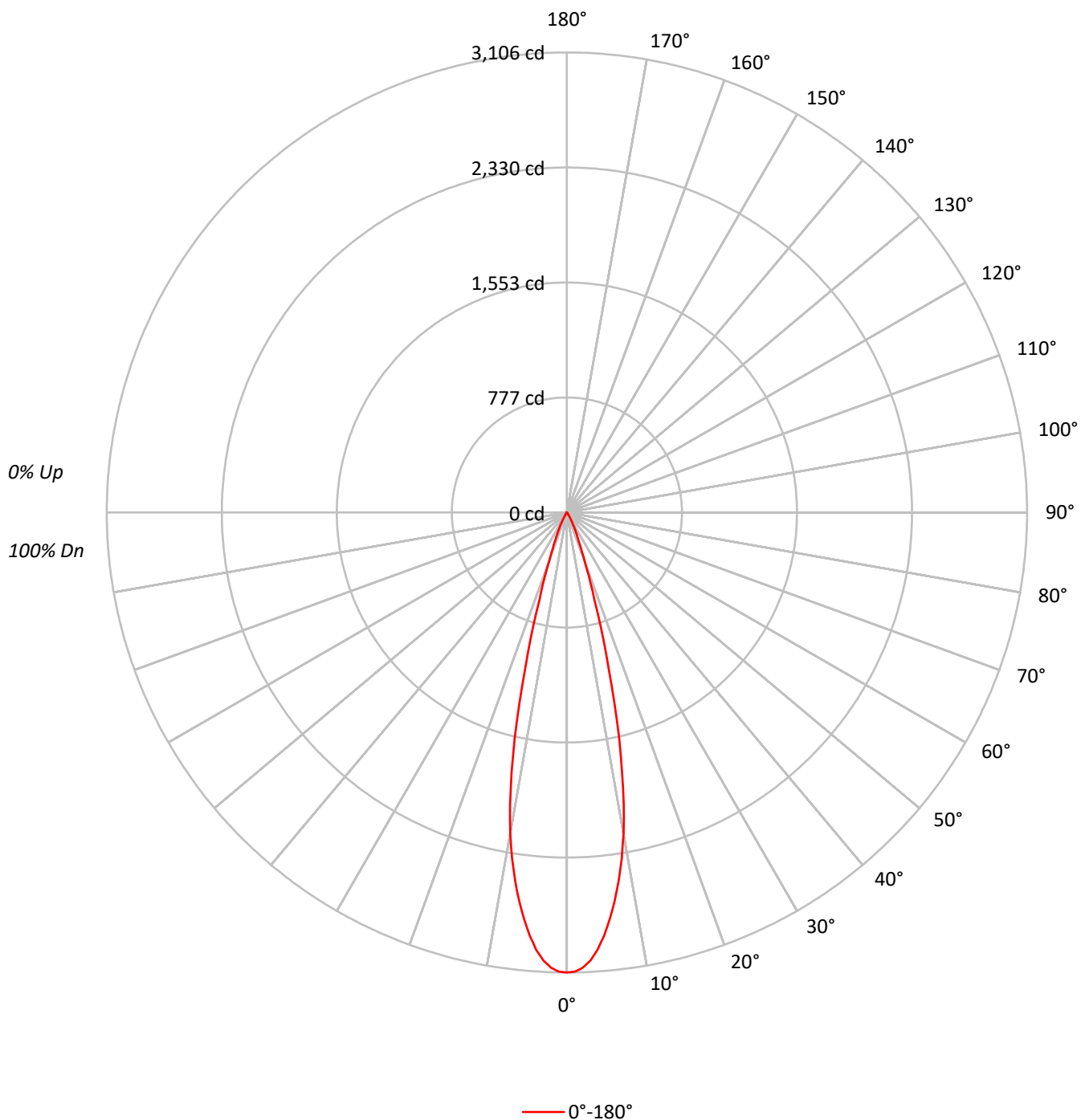
Lumens per Lamp: N/A
Luminaire Lumens: 637.0 lumens
Efficiency: N/A
Efficacy: 88.5 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1251142

CATALOG NUMBER: P3AS05R259030DE010 E3D1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1251142

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	681042
5°	631651
10°	489860
15°	245631
20°	80694
25°	32082
30°	12027
35°	3480
40°	1574
45°	620
50°	512
55°	382
60°	439
65°	519
70°	321
75°	424
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 631 cd/sqm

TEST NUMBER: P1251142

CATALOG NUMBER: P3AS05R259030DE010 E3D1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	252.4	39.6
10°-20°	301.1	47.3
20°-30°	67.9	10.7
30°-40°	11.0	1.7
40°-50°	2.0	0.3
50°-60°	1.1	0.2
60°-70°	0.9	0.1
70°-80°	0.5	0.1
80°-90°	0.1	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°	621.4	97.6
0°-40°	632.4	99.3
0°-60°	635.5	99.8
0°-90°	637.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	637.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3106	
5°	2870	252
15°	1082	301
25°	133	68
35°	13	11
45°	2	2
55°	1	1
65°	1	1
75°	0	1
85°	0	0
90°	0	

TEST NUMBER: P1251142

CATALOG NUMBER: P3AS05R259030DE010 E3D1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	3105.8
1°	3100.8
2°	3075.8
3°	3029.7
4°	2960.2
5°	2869.6
6°	2761.5
7°	2644.4
8°	2510.3
9°	2363.6
10°	2200.0
11°	2011.3
12°	1794.1
13°	1566.9
14°	1323.2
15°	1082.0
17.5°	616.6
20°	345.8
22.5°	208.7
25°	132.6
27.5°	81.6
30°	47.5
32.5°	25.0
35°	13.0
37.5°	8.5
40°	5.5
42.5°	3.5
45°	2.0
47.5°	1.5
50°	1.5
52.5°	1.5
55°	1.0
57.5°	1.0
60°	1.0
62.5°	1.0
65°	1.0
67.5°	1.0
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.5
80°	0.5
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1251142

CATALOG NUMBER: P3AS05R259030DE010 E3D1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)