

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: P1251148

Luminaire Tested: P3AS05R259030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251148
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

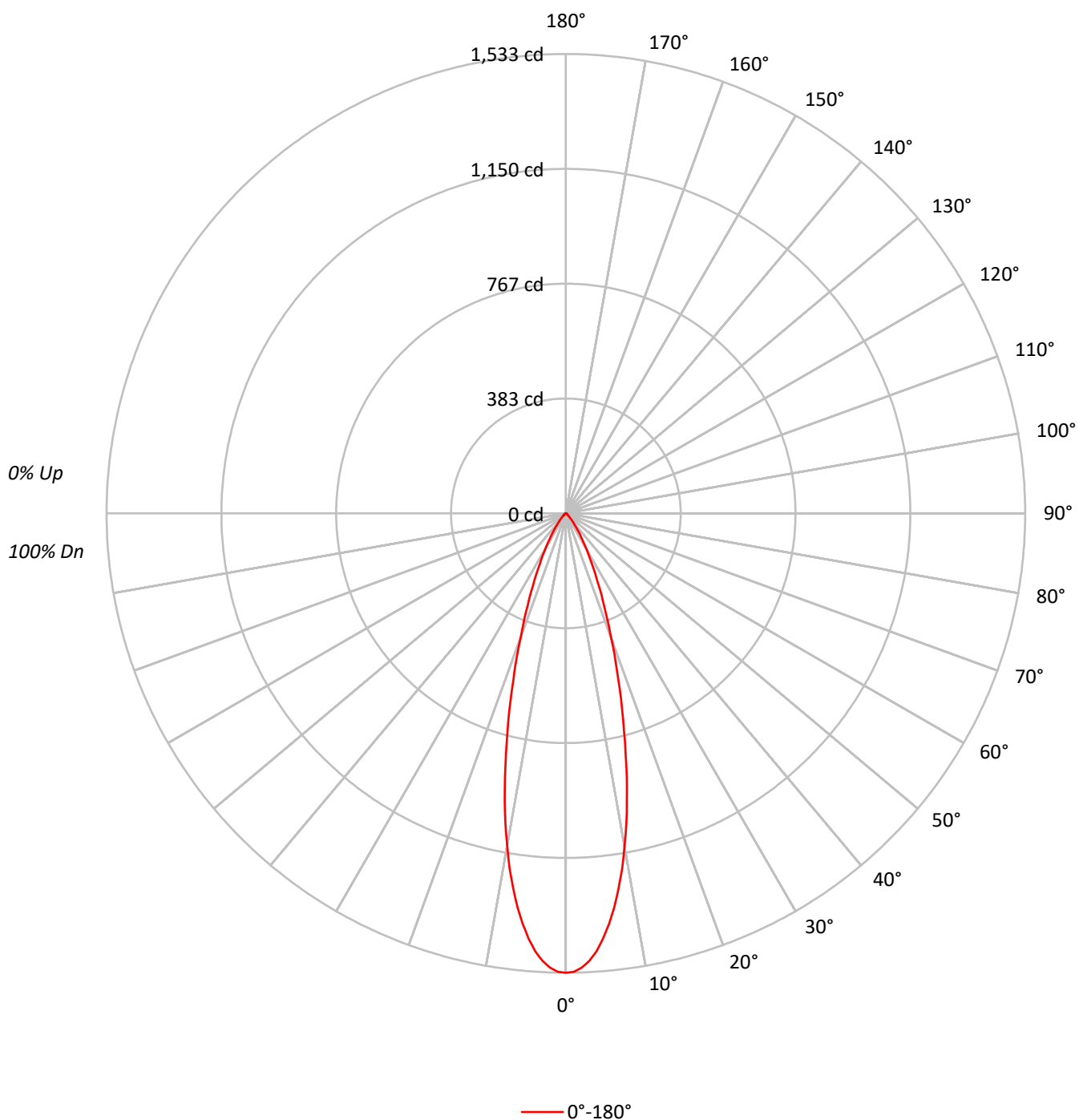
Lumens per Lamp: N/A
Luminaire Lumens: 524.0 lumens
Efficiency: N/A
Efficacy: 72.8 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1251148

CATALOG NUMBER: P3AS05R259030DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1251148

CATALOG NUMBER: P3AS05R259030DE010 E3DL1MW

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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	336135
5°	313603
10°	251209
15°	170534
20°	103189
25°	60342
30°	34360
35°	18899
40°	10047
45°	5272
50°	3070
55°	2294
60°	1974
65°	2075
70°	1923
75°	1694
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5272 cd/sqm

TEST NUMBER: P1251148

CATALOG NUMBER: P3AS05R259030DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.4	24.1
10°-20°	206.5	39.4
20°-30°	118.0	22.5
30°-40°	46.6	8.9
40°-50°	14.3	2.7
50°-60°	5.6	1.1
60°-70°	3.8	0.7
70°-80°	2.1	0.4
80°-90°	0.7	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°	451.0	86.1
0°-40°	497.5	95.0
0°-60°	517.4	98.7
0°-90°	524.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	524.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1533	
5°	1425	126
15°	751	207
25°	249	118
35°	71	47
45°	17	14
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1251148

CATALOG NUMBER: P3AS05R259030DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1532.9
1°	1529.9
2°	1517.3
3°	1495.3
4°	1464.8
5°	1424.7
6°	1377.6
7°	1324.5
8°	1262.9
9°	1199.8
10°	1128.2
11°	1057.6
12°	980.0
13°	903.4
14°	824.8
15°	751.2
17.5°	582.4
20°	442.2
22.5°	332.0
25°	249.4
27.5°	184.8
30°	135.7
32.5°	98.2
35°	70.6
37.5°	50.1
40°	35.1
42.5°	24.0
45°	17.0
47.5°	12.0
50°	9.0
52.5°	7.0
55°	6.0
57.5°	5.5
60°	4.5
62.5°	4.0
65°	4.0
67.5°	3.5
70°	3.0
72.5°	2.5
75°	2.0
77.5°	1.5
80°	1.0
82.5°	1.0
85°	0.5
87.5°	0.5



TEST NUMBER: P1251148

CATALOG NUMBER: P3AS05R259030DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)