

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: P1261886

Luminaire Tested: P3AS05R309727DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261886
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309727DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

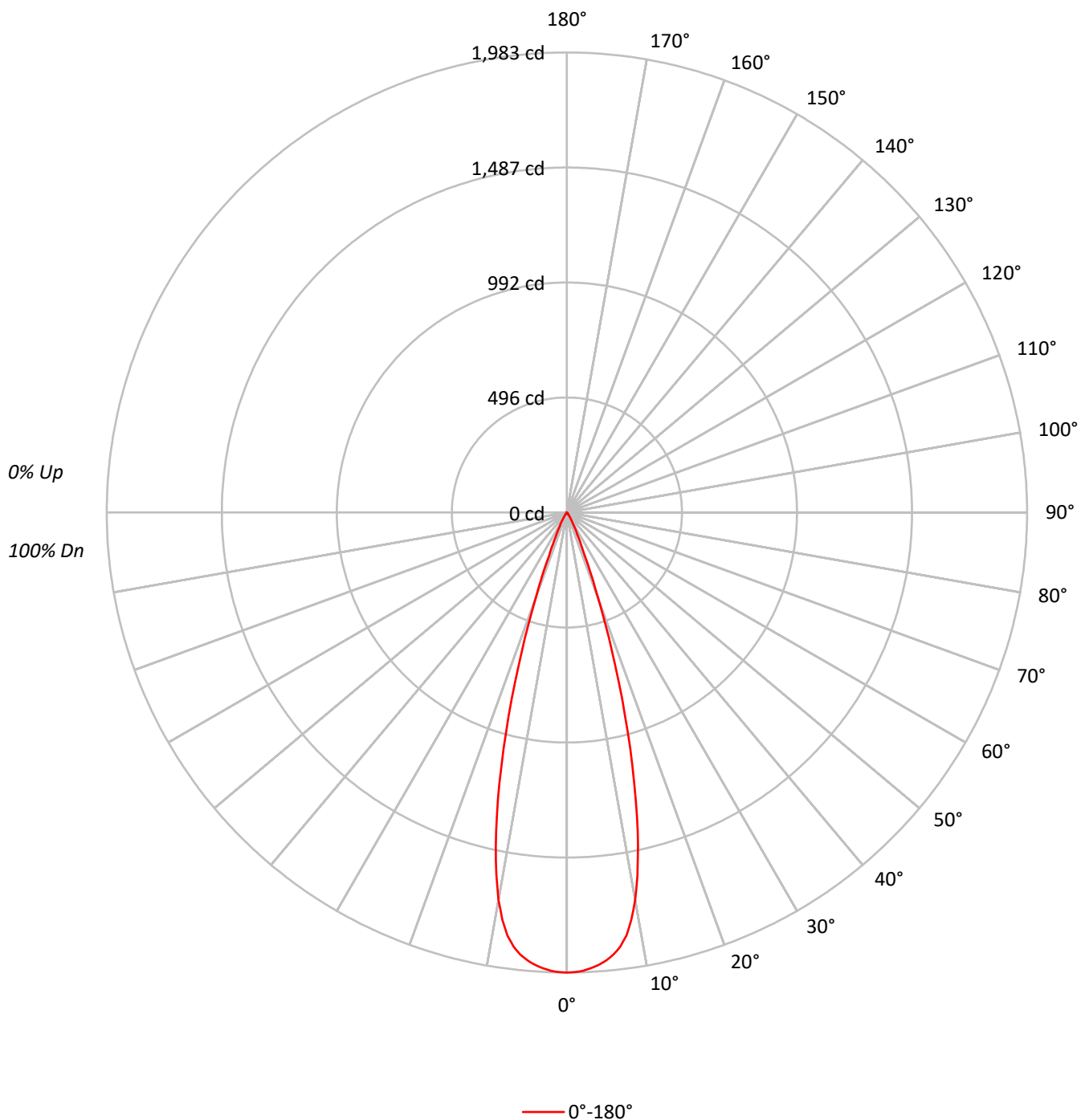
Lumens per Lamp: N/A
Luminaire Lumens: 533.9 lumens
Efficiency: N/A
Efficacy: 74.2 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261886

CATALOG NUMBER: P3AS05R309727DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1261886

CATALOG NUMBER: P3AS05R309727DE010 E3CD1MW

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	109	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	104	101	103	101	99		100	99	97		98
3	108	103	100	97	106	102	99	96	100	97	95		97	95	93		95
4	105	100	96	93	103	99	95	92	97	94	91		95	92	90		93
5	102	96	92	89	100	95	92	89	94	90	88		92	89	87		91
6	99	93	89	86	98	92	88	86	91	88	85		90	87	85		89
7	96	90	86	83	95	89	86	83	88	85	83		87	84	82		86
8	94	87	83	81	93	87	83	80	86	83	80		85	82	80		84
9	91	85	81	78	90	84	81	78	84	80	78		83	80	78		82
10	89	83	79	76	88	82	78	76	82	78	76		81	78	76		80

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	434856
5°	426633
10°	377682
15°	239275
20°	90821
25°	26905
30°	10609
35°	3266
40°	1431
45°	527
50°	443
55°	306
60°	351
65°	415
70°	256
75°	339
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 527 cd/sqm

TEST NUMBER: P1261886

CATALOG NUMBER: P3AS05R309727DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.2	33.4
10°-20°	277.7	52.0
20°-30°	64.5	12.1
30°-40°	10.0	1.9
40°-50°	1.7	0.3
50°-60°	0.8	0.1
60°-70°	0.6	0.1
70°-80°	0.4	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°	520.3	97.5
0°-40°	530.3	99.3
0°-60°	532.8	99.8
0°-90°	533.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	533.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1983	
5°	1938	178
15°	1054	278
25°	111	64
35°	12	10
45°	2	2
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1261886

CATALOG NUMBER: P3AS05R309727DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

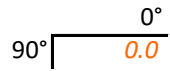
0°	
0°	1983.1
1°	1981.8
2°	1976.4
3°	1967.2
4°	1955.4
5°	1938.2
6°	1916.8
7°	1885.0
8°	1841.3
9°	1777.2
10°	1696.2
11°	1591.8
12°	1473.9
13°	1343.0
14°	1199.2
15°	1054.0
17.5°	689.6
20°	389.2
22.5°	198.8
25°	111.2
27.5°	68.4
30°	41.9
32.5°	22.6
35°	12.2
37.5°	8.0
40°	5.0
42.5°	2.9
45°	1.7
47.5°	1.3
50°	1.3
52.5°	0.8
55°	0.8
57.5°	0.8
60°	0.8
62.5°	0.8
65°	0.8
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.4
80°	0.4
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1261886

CATALOG NUMBER: P3AS05R309727DE010 E3CD1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)