

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: P1286669

Luminaire Tested: P3AS05R709030D2WDE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286669
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R709030D2WDE010 E3DL1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

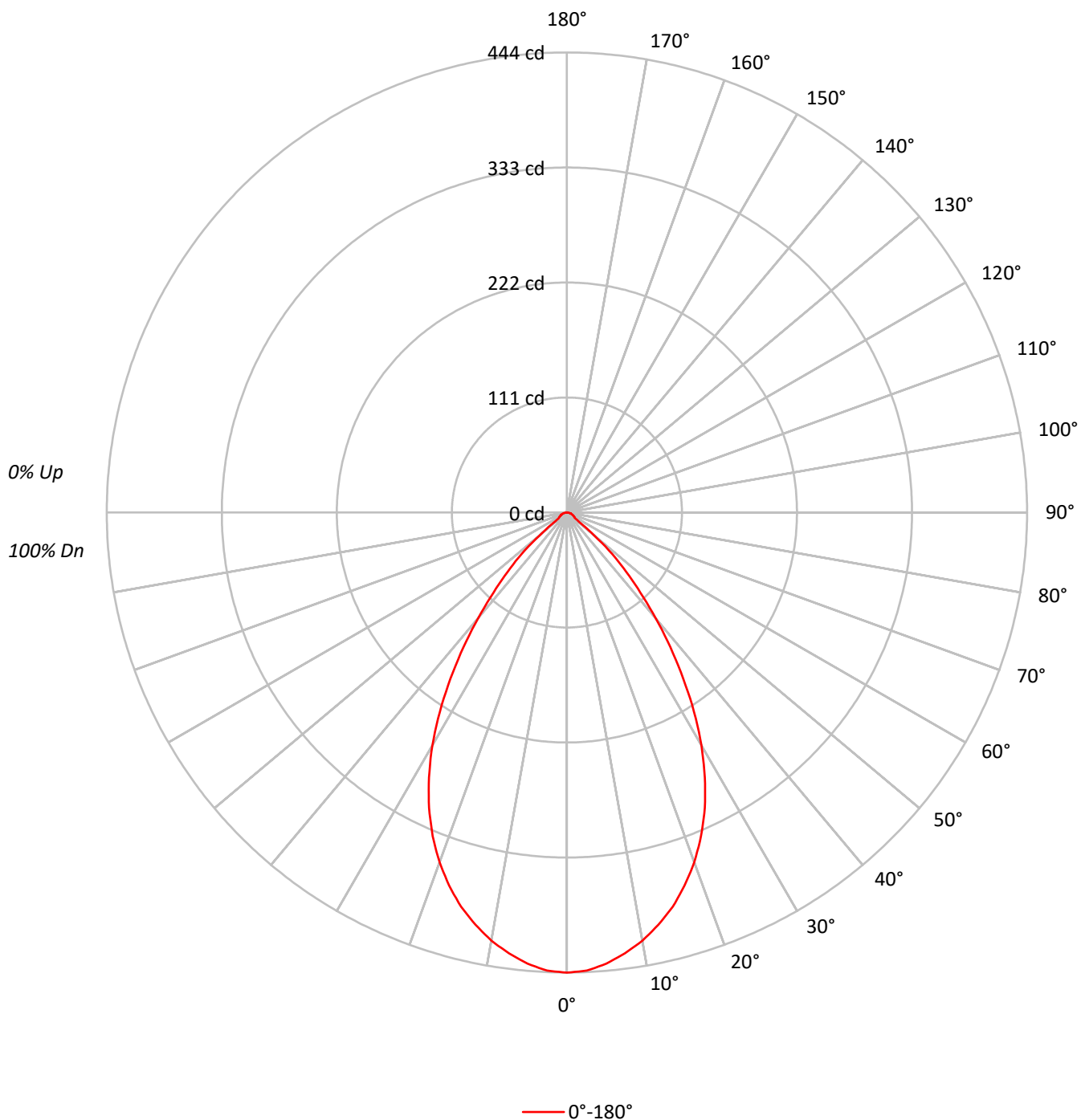
Lumens per Lamp: N/A
Luminaire Lumens: 503.0 lumens
Efficiency: N/A
Efficacy: 45.3 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1286669

CATALOG NUMBER: P3AS05R709030D2WDE010 E3DL1H

Luminous Intensity Polar Plot



TEST NUMBER: P1286669

CATALOG NUMBER: P3AS05R709030D2WDE010 E3DL1H

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	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	97383
5°	96214
10°	93430
15°	89467
20°	83821
25°	76141
30°	65757
35°	52414
40°	38186
45°	25088
50°	11769
55°	3632
60°	3508
65°	3373
70°	3206
75°	3389
80°	3157
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25088 cd/sqm

TEST NUMBER: P1286669

CATALOG NUMBER: P3AS05R709030D2WDE010 E3DL1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.2	8.2
10°-20°	110.3	21.9
20°-30°	143.4	28.5
30°-40°	121.6	24.2
40°-50°	62.7	12.5
50°-60°	12.1	2.4
60°-70°	6.6	1.3
70°-80°	4.0	0.8
80°-90°	1.2	0.2
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°	294.8	58.6
0°-40°	416.5	82.8
0°-60°	491.3	97.7
0°-90°	503.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	503.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	444	
5°	437	41
15°	394	110
25°	315	143
35°	196	122
45°	81	63
55°	10	12
65°	6	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1286669

CATALOG NUMBER: P3AS05R709030D2WDE010 E3DL1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	444.1
2.5°	442.6
5°	437.1
7.5°	429.1
10°	419.6
12.5°	407.6
15°	394.1
17.5°	377.6
20°	359.2
22.5°	338.2
25°	314.7
27.5°	288.2
30°	259.7
32.5°	228.3
35°	195.8
37.5°	163.8
40°	133.4
42.5°	104.9
45°	80.9
47.5°	59.4
50°	34.5
52.5°	15.0
55°	9.5
57.5°	9.0
60°	8.0
62.5°	7.5
65°	6.5
67.5°	6.0
70°	5.0
72.5°	4.5
75°	4.0
77.5°	3.0
80°	2.5
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)