

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: P1256604

Luminaire Tested: P3AS05R309040DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256604
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309040DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

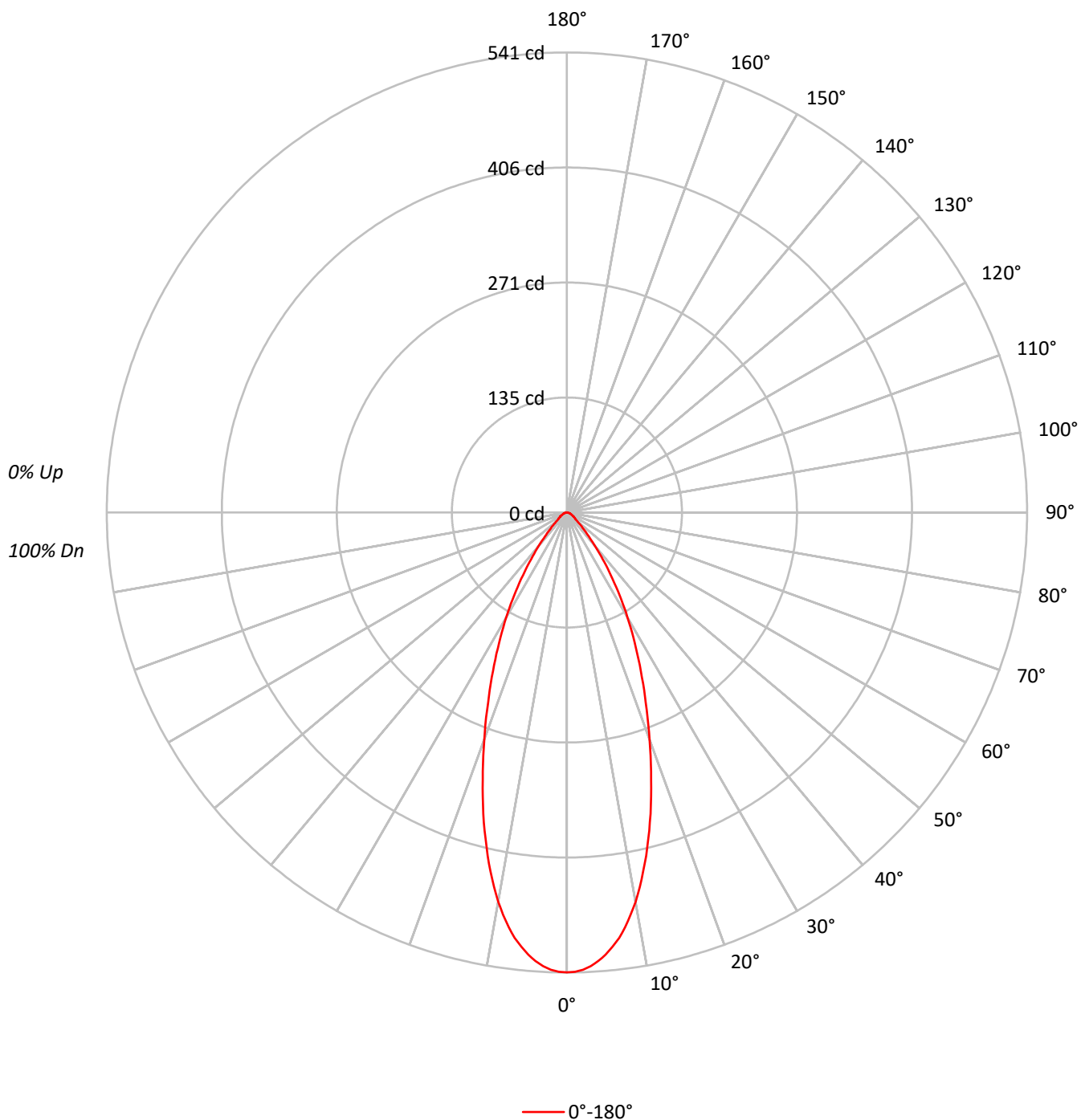
Lumens per Lamp: N/A
Luminaire Lumens: 347.0 lumens
Efficiency: N/A
Efficacy: 48.2 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1256604

CATALOG NUMBER: P3AS05R309040DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1256604

CATALOG NUMBER: P3AS05R309040DE010 E3DLP1H

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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	118587
5°	114880
10°	103516
15°	85630
20°	66296
25°	49721
30°	36107
35°	24066
40°	14799
45°	8683
50°	5322
55°	4320
60°	3772
65°	3061
70°	2757
75°	2711
80°	2020
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8683 cd/sqm

TEST NUMBER: P1256604

CATALOG NUMBER: P3AS05R309040DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.0	13.8
10°-20°	103.9	29.9
20°-30°	94.5	27.2
30°-40°	57.2	16.5
40°-50°	22.9	6.6
50°-60°	10.2	2.9
60°-70°	6.1	1.8
70°-80°	3.3	1.0
80°-90°	1.0	0.3
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°	246.4	71.0
0°-40°	303.5	87.5
0°-60°	336.6	97.0
0°-90°	347.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	347.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	541	
5°	522	48
15°	377	104
25°	206	95
35°	90	57
45°	28	23
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1256604

CATALOG NUMBER: P3AS05R309040DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	540.8
1°	540.2
2°	538.1
3°	534.3
4°	528.9
5°	521.9
6°	513.3
7°	504.2
8°	492.3
9°	478.9
10°	464.9
11°	448.7
12°	431.5
13°	414.3
14°	395.5
15°	377.2
17.5°	329.3
20°	284.1
22.5°	242.1
25°	205.5
27.5°	172.2
30°	142.6
32.5°	115.1
35°	89.9
37.5°	68.9
40°	51.7
42.5°	37.7
45°	28.0
47.5°	21.0
50°	15.6
52.5°	12.4
55°	11.3
57.5°	9.7
60°	8.6
62.5°	7.0
65°	5.9
67.5°	5.4
70°	4.3
72.5°	3.8
75°	3.2
77.5°	2.7
80°	1.6
82.5°	1.1
85°	1.1
87.5°	0.5



TEST NUMBER: P1256604

CATALOG NUMBER: P3AS05R309040DE010 E3DLP1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)