

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: P1254051

Luminaire Tested: P3AS05R609035DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254051
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R609035DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

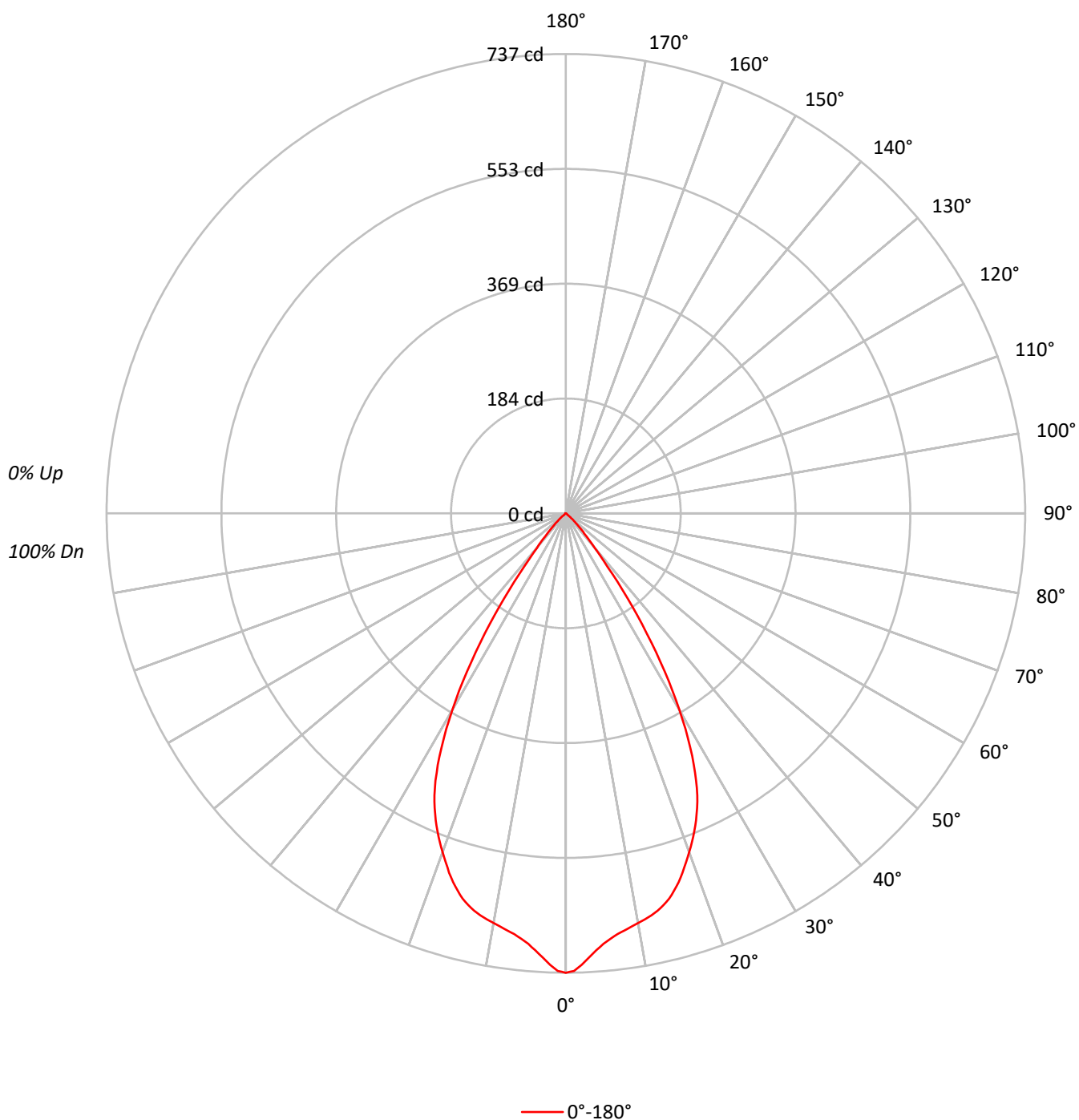
Lumens per Lamp: N/A
Luminaire Lumens: 617.1 lumens
Efficiency: N/A
Efficacy: 85.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1254051

CATALOG NUMBER: P3AS05R609035DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1254051

CATALOG NUMBER: P3AS05R609035DE010 E3D1H

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	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	161654
5°	152608
10°	148650
15°	145245
20°	135042
25°	120733
30°	92217
35°	53244
40°	20667
45°	8621
50°	1910
55°	306
60°	219
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8621 cd/sqm

TEST NUMBER: P1254051

CATALOG NUMBER: P3AS05R609035DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.5	10.6
10°-20°	178.2	28.9
20°-30°	223.2	36.2
30°-40°	124.8	20.2
40°-50°	23.7	3.8
50°-60°	1.2	0.2
60°-70°	0.3	0.1
70°-80°	0.1	0.0
80°-90°	0.0	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°	466.9	75.7
0°-40°	591.7	95.9
0°-60°	616.7	99.9
0°-90°	617.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	617.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	737	
5°	693	65
15°	640	178
25°	499	223
35°	199	125
45°	28	24
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1254051

CATALOG NUMBER: P3AS05R609035DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	737.2
1°	734.2
2°	724.6
3°	713.3
4°	702.7
5°	693.3
6°	686.3
7°	680.2
8°	675.7
9°	671.4
10°	667.6
11°	663.8
12°	659.5
13°	654.2
14°	647.9
15°	639.8
16°	630.0
17°	618.9
18°	606.2
19°	591.9
20°	578.7
21°	564.6
22°	550.0
23°	534.6
24°	517.7
25°	499.0
26°	477.0
27°	452.5
28°	425.0
29°	395.8
30°	364.2
31°	332.4
32°	299.6
32.5°	281.7
33°	265.5
34°	231.9
35°	198.9
36°	169.1
37°	137.6
37.5°	123.2
38°	109.0
39°	87.8
40°	72.2
42.5°	43.9
45°	27.8



TEST NUMBER: P1254051

CATALOG NUMBER: P3AS05R609035DE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	15.4
50°	5.6
52.5°	1.3
55°	0.8
57.5°	0.5
60°	0.5
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)