

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: P1251341

Luminaire Tested: P3AS05R609030DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251341
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R609030DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

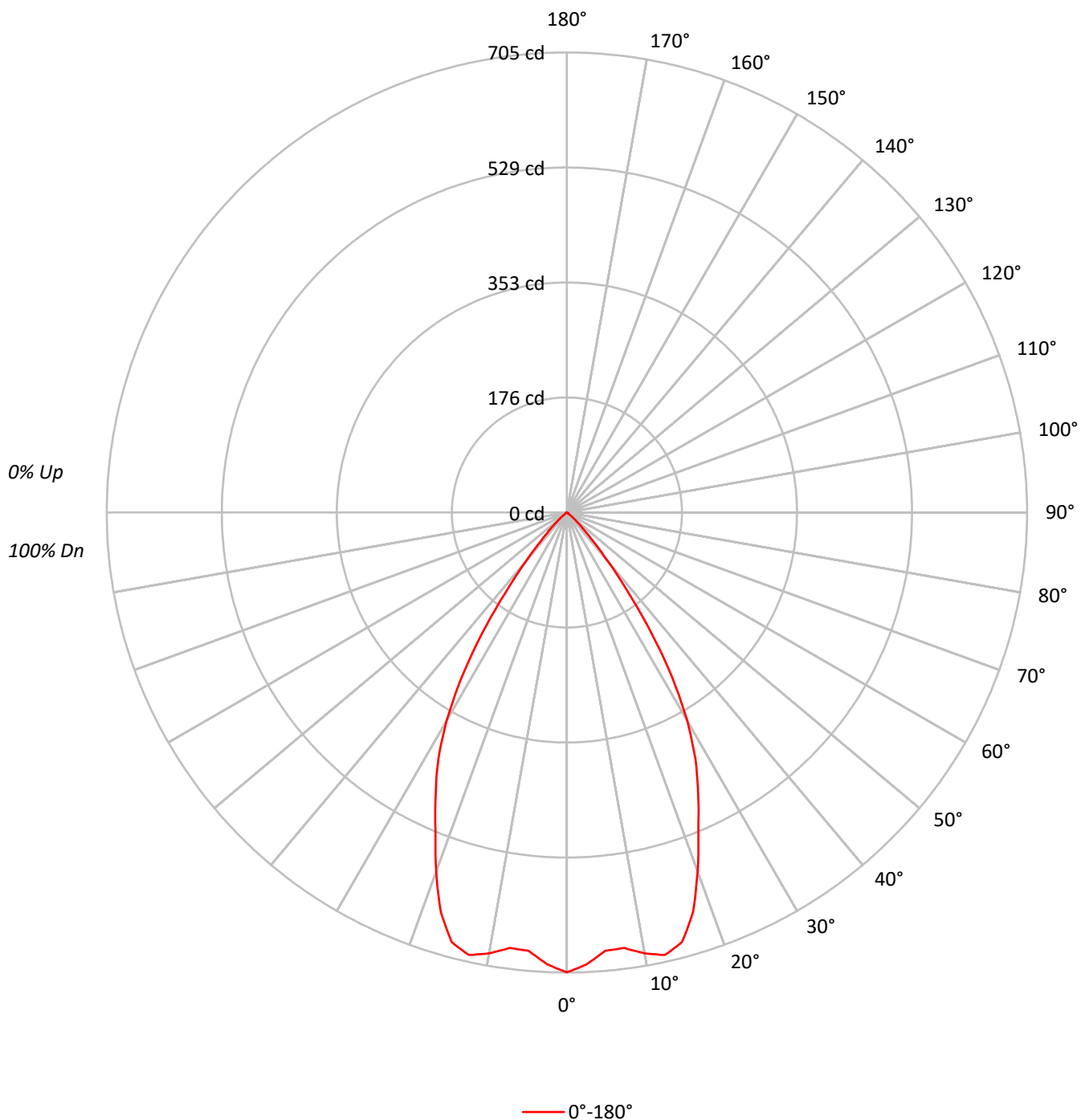
Lumens per Lamp: N/A
Luminaire Lumens: 647.0 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1251341

CATALOG NUMBER: P3AS05R609030DE010 E3CD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1251341

CATALOG NUMBER: P3AS05R609030DE010 E3CD1MB

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	108	106	111	109	106	104	105	103	101		101	100	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79
6	88	79	73	69	87	79	73	69	77	72	68		76	71	68		74
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	154505
5°	148382
10°	152769
15°	154734
20°	136629
25°	115144
30°	93381
35°	60820
40°	27938
45°	10699
50°	3582
55°	956
60°	877
65°	778
70°	641
75°	847
80°	631
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10699 cd/sqm

TEST NUMBER: P1251341

CATALOG NUMBER: P3AS05R609030DE010 E3CD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.9	10.0
10°-20°	186.6	28.8
20°-30°	217.7	33.6
30°-40°	140.5	21.7
40°-50°	31.5	4.9
50°-60°	3.1	0.5
60°-70°	1.5	0.2
70°-80°	0.9	0.1
80°-90°	0.3	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°	469.2	72.5
0°-40°	609.7	94.2
0°-60°	644.3	99.6
0°-90°	647.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	647.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	705	
5°	674	65
15°	682	187
25°	476	218
35°	227	140
45°	34	31
55°	2	3
65°	2	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1251341

CATALOG NUMBER: P3AS05R609030DE010 E3CD1MB

CANDELA DISTRIBUTION (FULL):

0°	
0°	704.6
2.5°	693.1
5°	674.1
7.5°	673.1
10°	686.1
12.5°	694.6
15°	681.6
17.5°	642.5
20°	585.5
22.5°	525.9
25°	475.9
27.5°	426.8
30°	368.8
32.5°	300.7
35°	227.2
37.5°	155.1
40°	97.6
42.5°	58.5
45°	34.5
47.5°	20.0
50°	10.5
52.5°	3.5
55°	2.5
57.5°	2.0
60°	2.0
62.5°	1.5
65°	1.5
67.5°	1.5
70°	1.0
72.5°	1.0
75°	1.0
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.5
87.5°	0.0
90°	0.0

(END OF REPORT)