

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: P1252509

Luminaire Tested: P3AS17R609030DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252509
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R609030DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

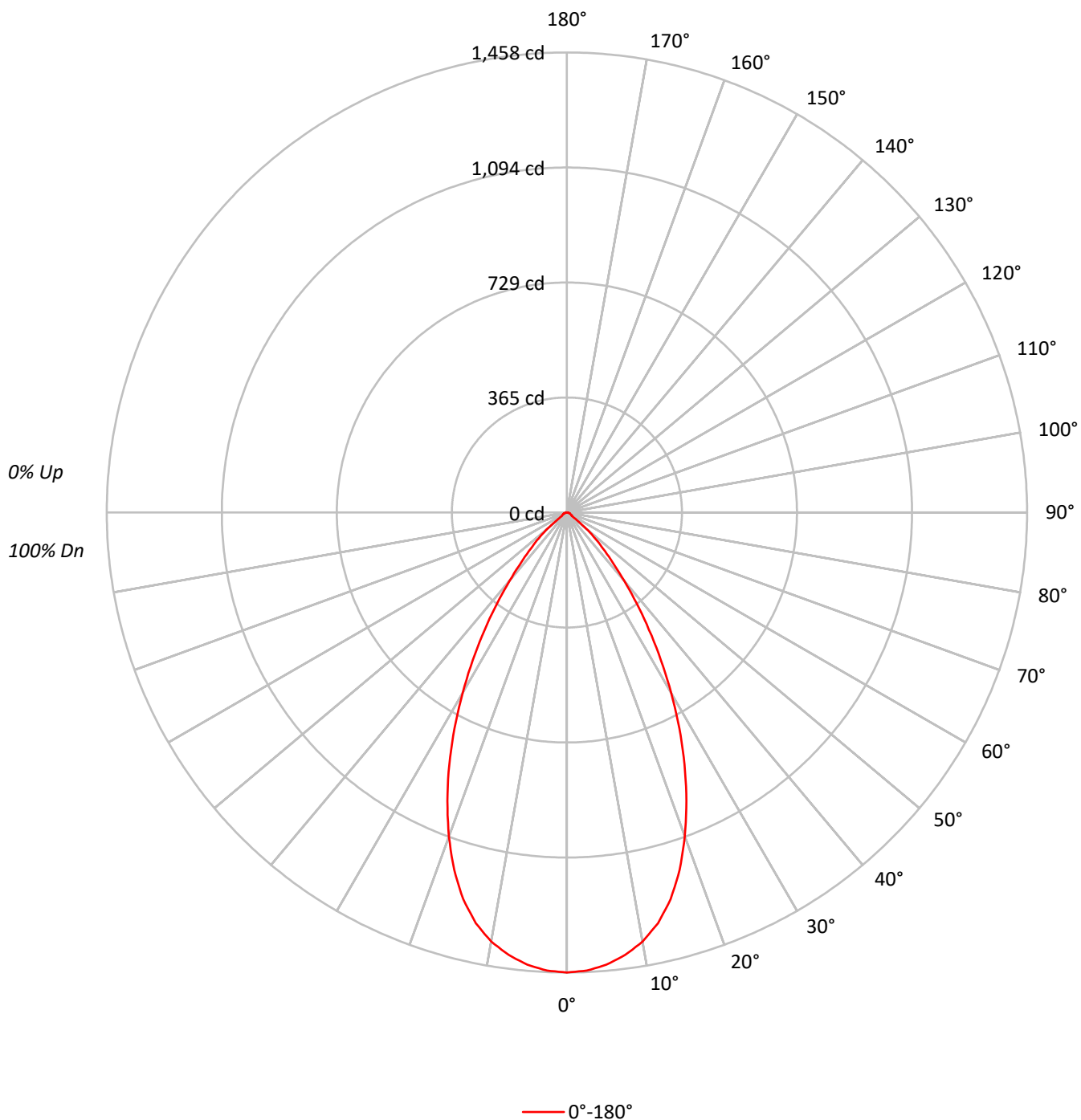
Lumens per Lamp: N/A
Luminaire Lumens: 1354.0 lumens
Efficiency: N/A
Efficacy: 63.9 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1252509

CATALOG NUMBER: P3AS17R609030DE010 E3DL1H

Luminous Intensity Polar Plot



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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	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	319733
5°	316706
10°	307454
15°	288061
20°	254962
25°	213278
30°	167165
35°	121265
40°	80665
45°	50269
50°	27223
55°	7875
60°	7324
65°	6693
70°	6604
75°	6524
80°	6440
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 50269 cd/sqm

TEST NUMBER: P1252509

CATALOG NUMBER: P3AS17R609030DE010 E3DL1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	135.5	10.0
10°-20°	352.0	26.0
20°-30°	401.3	29.6
30°-40°	284.6	21.0
40°-50°	129.1	9.5
50°-60°	27.4	2.0
60°-70°	13.2	1.0
70°-80°	8.1	0.6
80°-90°	2.8	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°	888.8	65.6
0°-40°	1173.3	86.7
0°-60°	1329.8	98.2
0°-90°	1354.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1354.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1458	
5°	1439	135
15°	1269	352
25°	882	401
35°	453	285
45°	162	129
55°	21	27
65°	13	13
75°	8	8
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1458.1
2.5°	1452.9
5°	1438.8
7.5°	1414.3
10°	1380.8
12.5°	1333.2
15°	1268.9
17.5°	1187.8
20°	1092.6
22.5°	989.6
25°	881.5
27.5°	770.9
30°	660.2
32.5°	554.7
35°	453.0
37.5°	362.9
40°	281.8
42.5°	213.6
45°	162.1
47.5°	121.0
50°	79.8
52.5°	37.3
55°	20.6
57.5°	18.0
60°	16.7
62.5°	15.4
65°	12.9
67.5°	11.6
70°	10.3
72.5°	9.0
75°	7.7
77.5°	6.4
80°	5.1
82.5°	3.9
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)