

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: P1252454

Luminaire Tested: P3AS17R509030DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252454
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509030DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

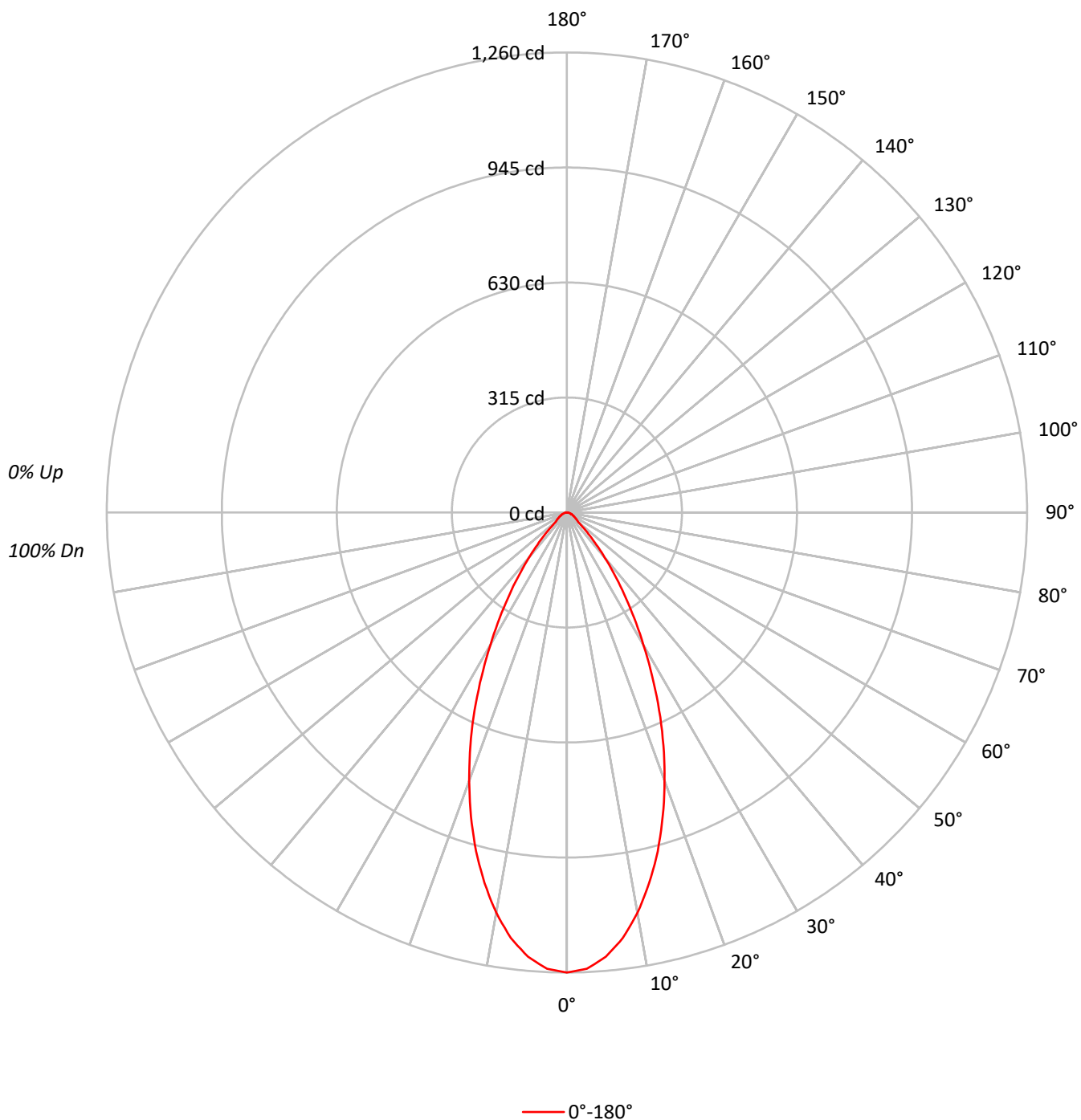
Lumens per Lamp: N/A
Luminaire Lumens: 950.0 lumens
Efficiency: N/A
Efficacy: 44.8 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1252454

CATALOG NUMBER: P3AS17R509030DE010 E3DL1WH

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	107	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	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	276294
5°	268874
10°	247936
15°	218049
20°	182413
25°	144662
30°	106143
35°	72973
40°	46373
45°	25925
50°	14021
55°	11813
60°	10131
65°	9340
70°	8271
75°	7625
80°	6440
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25925 cd/sqm

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CATALOG NUMBER: P3AS17R509030DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.2	11.9
10°-20°	266.0	28.0
20°-30°	272.1	28.6
30°-40°	172.5	18.2
40°-50°	68.7	7.2
50°-60°	27.8	2.9
60°-70°	17.8	1.9
70°-80°	9.1	1.0
80°-90°	2.8	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°	651.2	68.6
0°-40°	823.8	86.7
0°-60°	920.3	96.9
0°-90°	950.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	950.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1260	
5°	1222	113
15°	960	266
25°	598	272
35°	273	173
45°	84	69
55°	31	28
65°	18	18
75°	9	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1260.0
2.5°	1251.0
5°	1221.5
7.5°	1175.2
10°	1113.5
12.5°	1040.2
15°	960.5
17.5°	873.0
20°	781.7
22.5°	690.5
25°	597.9
27.5°	505.3
30°	419.2
32.5°	342.0
35°	272.6
37.5°	213.4
40°	162.0
42.5°	119.6
45°	83.6
47.5°	56.6
50°	41.1
52.5°	34.7
55°	30.9
57.5°	27.0
60°	23.1
62.5°	20.6
65°	18.0
67.5°	15.4
70°	12.9
72.5°	10.3
75°	9.0
77.5°	6.4
80°	5.1
82.5°	3.9
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)