

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: P1260727

Luminaire Tested: P3AS20R359050D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260727
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359050D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

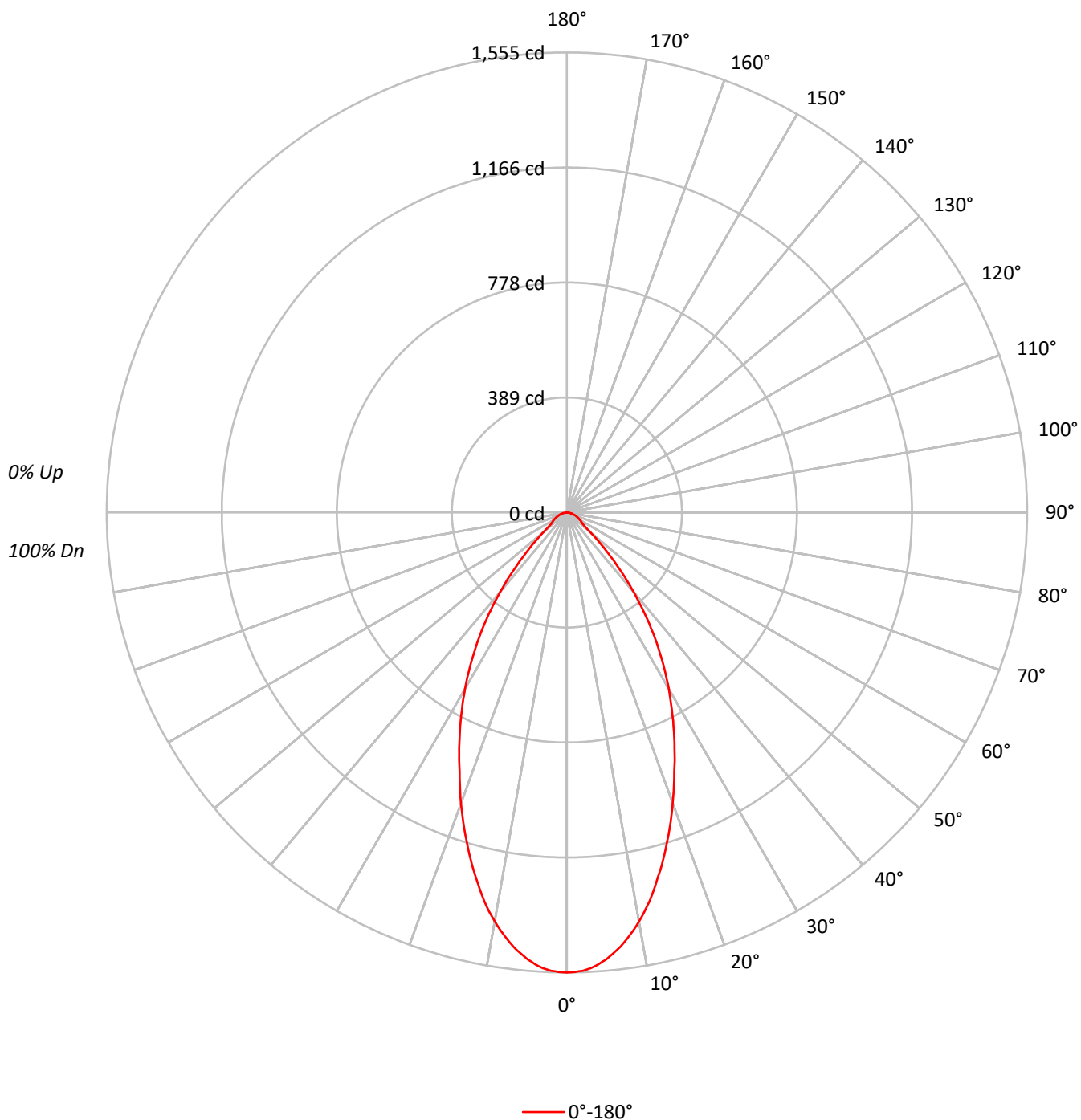
Lumens per Lamp: N/A
Luminaire Lumens: 1493.0 lumens
Efficiency: N/A
Efficacy: 51.8 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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

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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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	341047
5°	333809
10°	312619
15°	280615
20°	244111
25°	208004
30°	174255
35°	138772
40°	100331
45°	63510
50°	34626
55°	23970
60°	22674
65°	21066
70°	20132
75°	17199
80°	16290
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 63510 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.1	9.5
10°-20°	344.0	23.0
20°-30°	394.2	26.4
30°-40°	321.7	21.5
40°-50°	162.2	10.9
50°-60°	60.3	4.0
60°-70°	40.4	2.7
70°-80°	22.4	1.5
80°-90°	6.8	0.5
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°	879.3	58.9
0°-40°	1201.0	80.4
0°-60°	1423.5	95.3
0°-90°	1493.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1493.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1555	
5°	1516	141
15°	1236	344
25°	860	394
35°	518	322
45°	205	162
55°	63	60
65°	41	40
75°	20	22
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1555.3
1°	1553.4
2°	1549.8
3°	1542.4
4°	1531.3
5°	1516.5
6°	1498.1
7°	1479.7
8°	1455.7
9°	1431.7
10°	1404.0
11°	1374.5
12°	1343.1
13°	1308.1
14°	1271.2
15°	1236.1
17.5°	1142.0
20°	1046.1
22.5°	948.3
25°	859.7
27.5°	773.0
30°	688.2
32.5°	603.3
35°	518.4
37.5°	433.6
40°	350.5
42.5°	273.1
45°	204.8
47.5°	147.6
50°	101.5
52.5°	73.8
55°	62.7
57.5°	57.2
60°	51.7
62.5°	46.1
65°	40.6
67.5°	35.1
70°	31.4
72.5°	25.8
75°	20.3
77.5°	16.6
80°	12.9
82.5°	9.2
85°	5.5
87.5°	3.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)