

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: P1260897

Luminaire Tested: P3AS20R659050D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260897
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659050D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

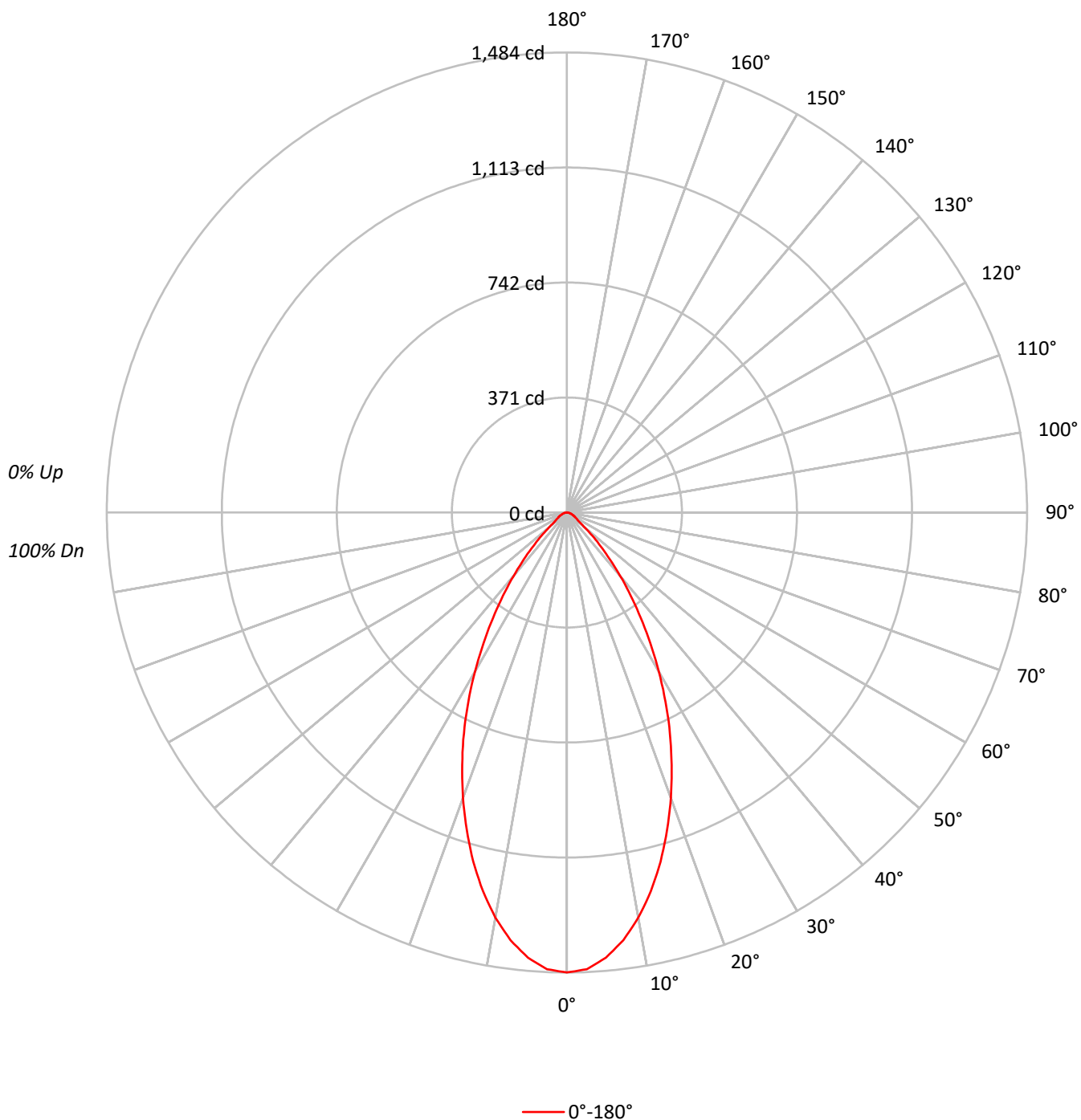
Lumens per Lamp: N/A
Luminaire Lumens: 1280.0 lumens
Efficiency: N/A
Efficacy: 44.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1260897

CATALOG NUMBER: P3AS20R659050D010 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	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	325347
5°	317256
10°	295452
15°	264769
20°	228663
25°	190221
30°	149998
35°	111146
40°	76601
45°	47509
50°	25824
55°	16210
60°	13771
65°	12453
70°	10643
75°	9404
80°	9345
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47509 cd/sqm

TEST NUMBER: P1260897

CATALOG NUMBER: P3AS20R659050D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.9	10.5
10°-20°	324.1	25.3
20°-30°	358.4	28.0
30°-40°	260.3	20.3
40°-50°	122.0	9.5
50°-60°	41.1	3.2
60°-70°	23.7	1.9
70°-80°	12.4	1.0
80°-90°	4.0	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°	816.5	63.8
0°-40°	1076.8	84.1
0°-60°	1239.8	96.9
0°-90°	1280.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1280.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1484	
5°	1441	134
15°	1166	324
25°	786	358
35°	415	260
45°	153	122
55°	42	41
65°	24	24
75°	11	12
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1483.7
2.5°	1474.5
5°	1441.3
7.5°	1391.5
10°	1326.9
12.5°	1251.2
15°	1166.3
17.5°	1074.0
20°	979.9
22.5°	882.1
25°	786.2
27.5°	688.4
30°	592.4
32.5°	500.1
35°	415.2
37.5°	337.7
40°	267.6
42.5°	204.8
45°	153.2
47.5°	110.7
50°	75.7
52.5°	51.7
55°	42.4
57.5°	36.9
60°	31.4
62.5°	27.7
65°	24.0
67.5°	20.3
70°	16.6
72.5°	14.8
75°	11.1
77.5°	9.2
80°	7.4
82.5°	5.5
85°	3.7
87.5°	1.8
90°	0.0

(END OF REPORT)