

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: P1258300

Luminaire Tested: P3AS20R659040D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258300
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: P3AS20R659040D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

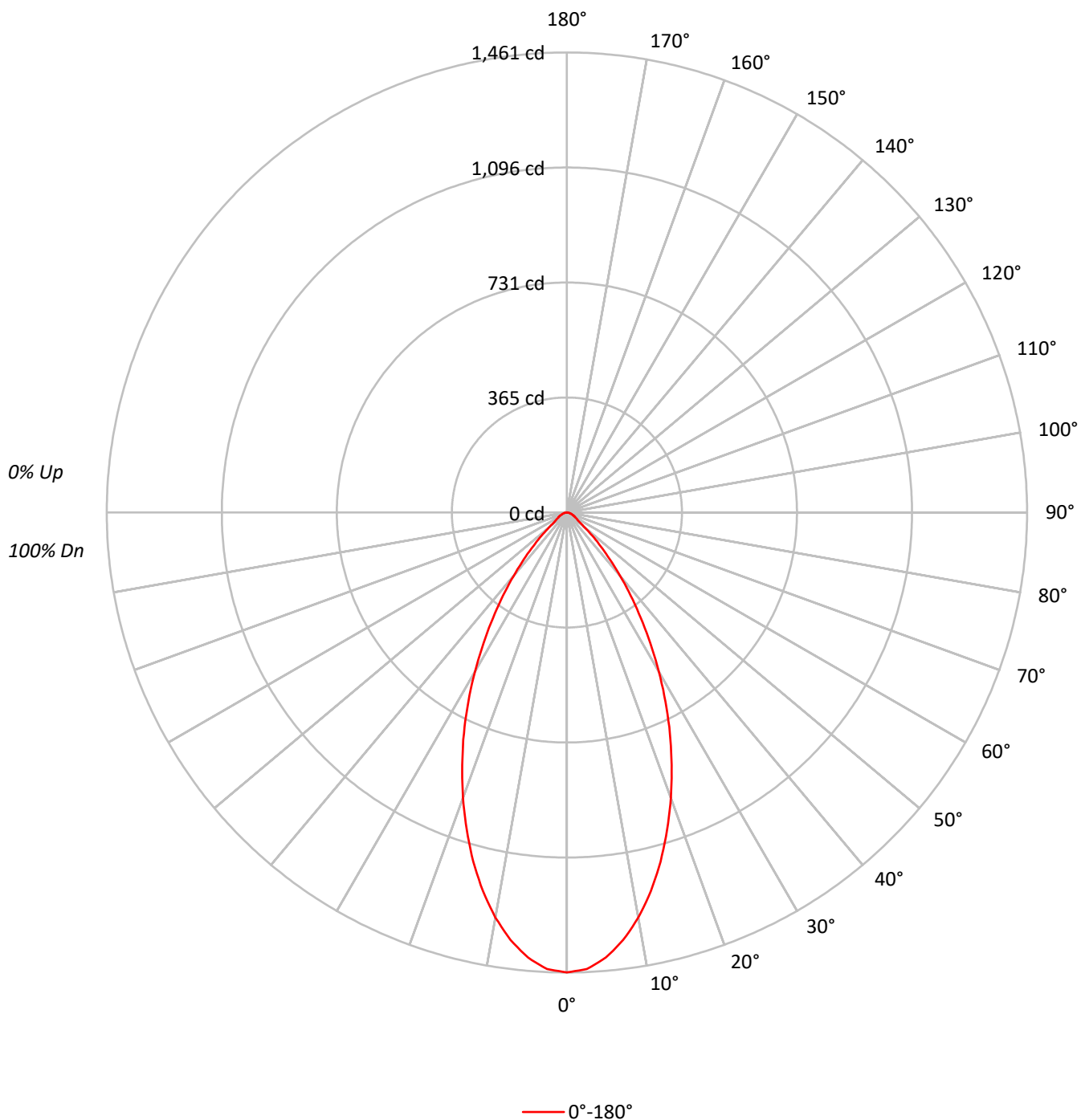
Lumens per Lamp: N/A
Luminaire Lumens: 1259.9 lumens
Efficiency: N/A
Efficacy: 43.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	320281
5°	312304
10°	290821
15°	260637
20°	225093
25°	187245
30°	147643
35°	109406
40°	75398
45°	46765
50°	25415
55°	15980
60°	13552
65°	12245
70°	10450
75°	9235
80°	9218
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 46765 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.8	10.5
10°-20°	319.1	25.3
20°-30°	352.8	28.0
30°-40°	256.3	20.3
40°-50°	120.1	9.5
50°-60°	40.4	3.2
60°-70°	23.3	1.9
70°-80°	12.2	1.0
80°-90°	3.9	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°	803.7	63.8
0°-40°	1060.0	84.1
0°-60°	1220.5	96.9
0°-90°	1259.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1259.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1461	
5°	1419	132
15°	1148	319
25°	774	353
35°	409	256
45°	151	120
55°	42	40
65°	24	23
75°	11	12
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1460.6
2.5°	1451.5
5°	1418.8
7.5°	1369.7
10°	1306.1
12.5°	1231.7
15°	1148.1
17.5°	1057.3
20°	964.6
22.5°	868.3
25°	773.9
27.5°	677.6
30°	583.1
32.5°	492.3
35°	408.7
37.5°	332.4
40°	263.4
42.5°	201.6
45°	150.8
47.5°	109.0
50°	74.5
52.5°	50.9
55°	41.8
57.5°	36.3
60°	30.9
62.5°	27.2
65°	23.6
67.5°	20.0
70°	16.3
72.5°	14.5
75°	10.9
77.5°	9.1
80°	7.3
82.5°	5.4
85°	3.6
87.5°	1.8
90°	0.0

(END OF REPORT)