

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: P1260902

Luminaire Tested: P3AS20R659050D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260902
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659050D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

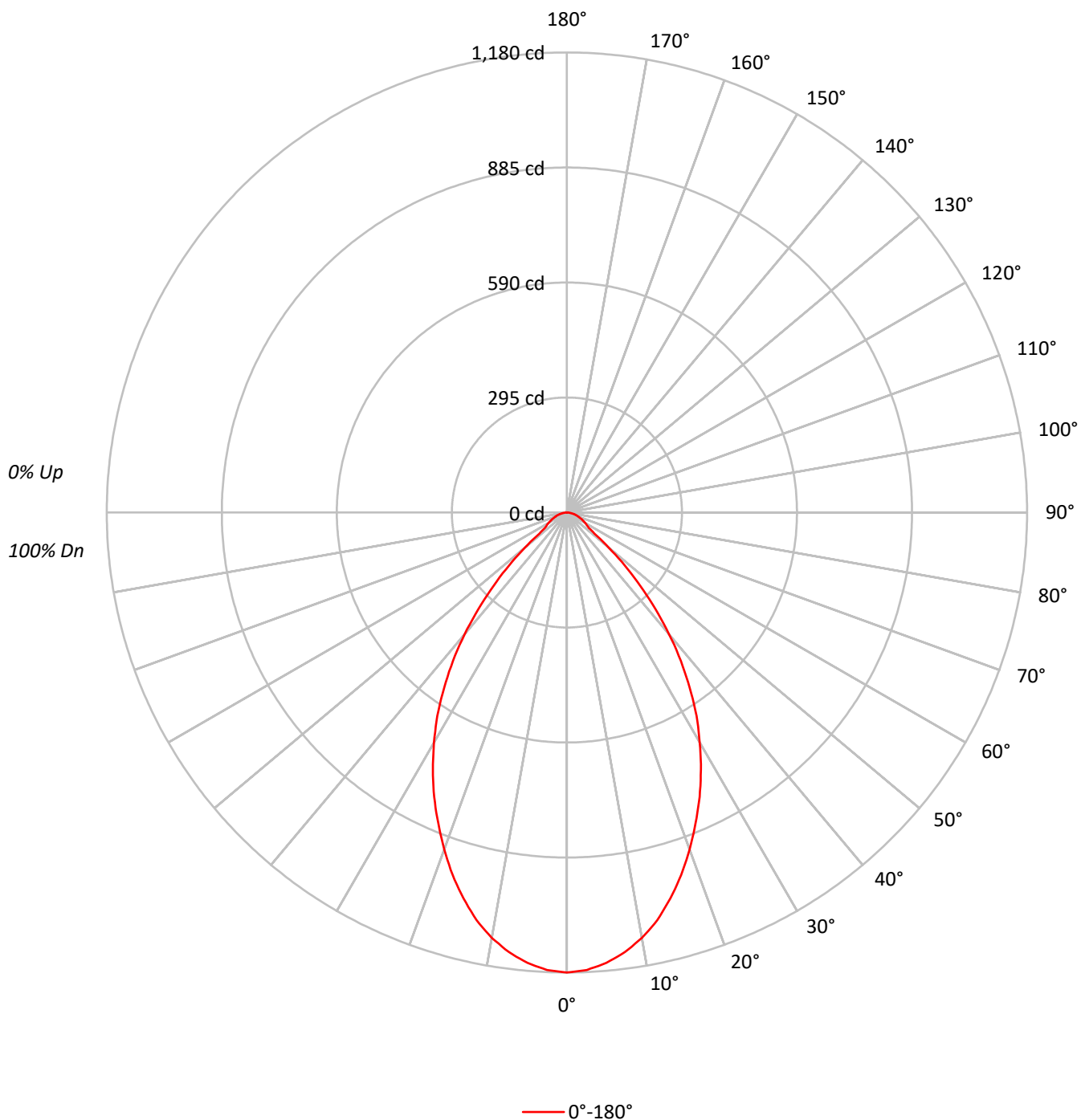
Lumens per Lamp: N/A
Luminaire Lumens: 1454.0 lumens
Efficiency: N/A
Efficacy: 50.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	258751
5°	255271
10°	246711
15°	232669
20°	214592
25°	194794
30°	172533
35°	146802
40°	116819
45°	82458
50°	47862
55°	26111
60°	24296
65°	22052
70°	20132
75°	18809
80°	16290
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 82458 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.1	7.5
10°-20°	286.7	19.7
20°-30°	368.5	25.3
30°-40°	340.9	23.4
40°-50°	205.8	14.2
50°-60°	70.2	4.8
60°-70°	42.2	2.9
70°-80°	23.9	1.6
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°	764.3	52.6
0°-40°	1105.1	76.0
0°-60°	1381.1	95.0
0°-90°	1454.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1454.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1180	
5°	1160	109
15°	1025	287
25°	805	368
35°	548	341
45°	266	206
55°	68	70
65°	42	42
75°	22	24
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1180.0
2.5°	1174.4
5°	1159.7
7.5°	1137.5
10°	1108.0
12.5°	1071.0
15°	1024.9
17.5°	975.0
20°	919.6
22.5°	862.4
25°	805.1
27.5°	744.2
30°	681.4
32.5°	618.6
35°	548.4
37.5°	480.1
40°	408.1
42.5°	336.1
45°	265.9
47.5°	201.3
50°	140.3
52.5°	88.6
55°	68.3
57.5°	60.9
60°	55.4
62.5°	48.0
65°	42.5
67.5°	36.9
70°	31.4
72.5°	27.7
75°	22.2
77.5°	18.5
80°	12.9
82.5°	9.2
85°	5.5
87.5°	3.7
90°	0.0

(END OF REPORT)