

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: P1252940

Luminaire Tested: P3AS24R159030D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252940
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159030D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

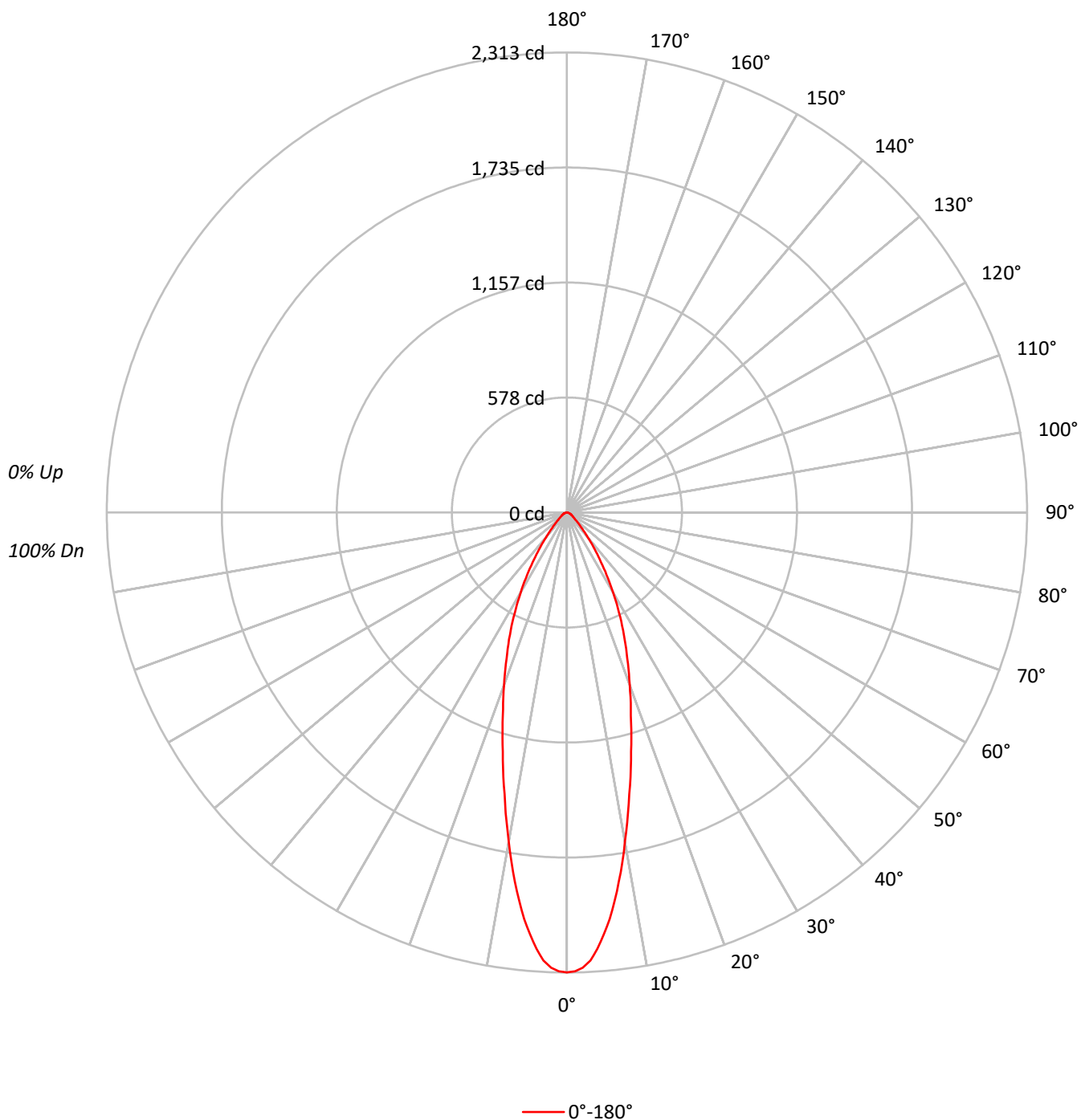
Lumens per Lamp: N/A
Luminaire Lumens: 1176.0 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	507108
5°	468698
10°	374186
15°	282658
20°	215245
25°	164018
30°	117512
35°	76694
40°	47002
45°	28437
50°	18899
55°	14604
60°	12543
65°	10896
70°	9809
75°	9743
80°	7198
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28437 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.6	16.0
10°-20°	348.0	29.6
20°-30°	309.8	26.3
30°-40°	183.3	15.6
40°-50°	75.2	6.4
50°-60°	35.3	3.0
60°-70°	21.5	1.8
70°-80°	11.3	1.0
80°-90°	2.8	0.2
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°	846.5	72.0
0°-40°	1029.8	87.6
0°-60°	1140.3	97.0
0°-90°	1176.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1176.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2313	
5°	2129	189
15°	1245	348
25°	678	310
35°	286	183
45°	92	75
55°	38	35
65°	21	21
75°	12	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2312.6
1°	2306.9
2°	2289.7
3°	2255.3
4°	2198.1
5°	2129.3
6°	2054.8
7°	1967.0
8°	1875.3
9°	1781.7
10°	1680.5
12.5°	1449.5
15°	1245.1
17.5°	1069.4
20°	922.4
22.5°	792.5
25°	677.9
27.5°	567.2
30°	464.1
32.5°	370.5
35°	286.5
37.5°	219.6
40°	164.2
42.5°	122.2
45°	91.7
47.5°	70.7
50°	55.4
52.5°	45.8
55°	38.2
57.5°	32.5
60°	28.6
62.5°	24.8
65°	21.0
67.5°	19.1
70°	15.3
72.5°	13.4
75°	11.5
77.5°	7.6
80°	5.7
82.5°	3.8
85°	1.9
87.5°	1.9
90°	0.0

(END OF REPORT)