

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: P1260877

Luminaire Tested: P3AS20R609050D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260877
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609050D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

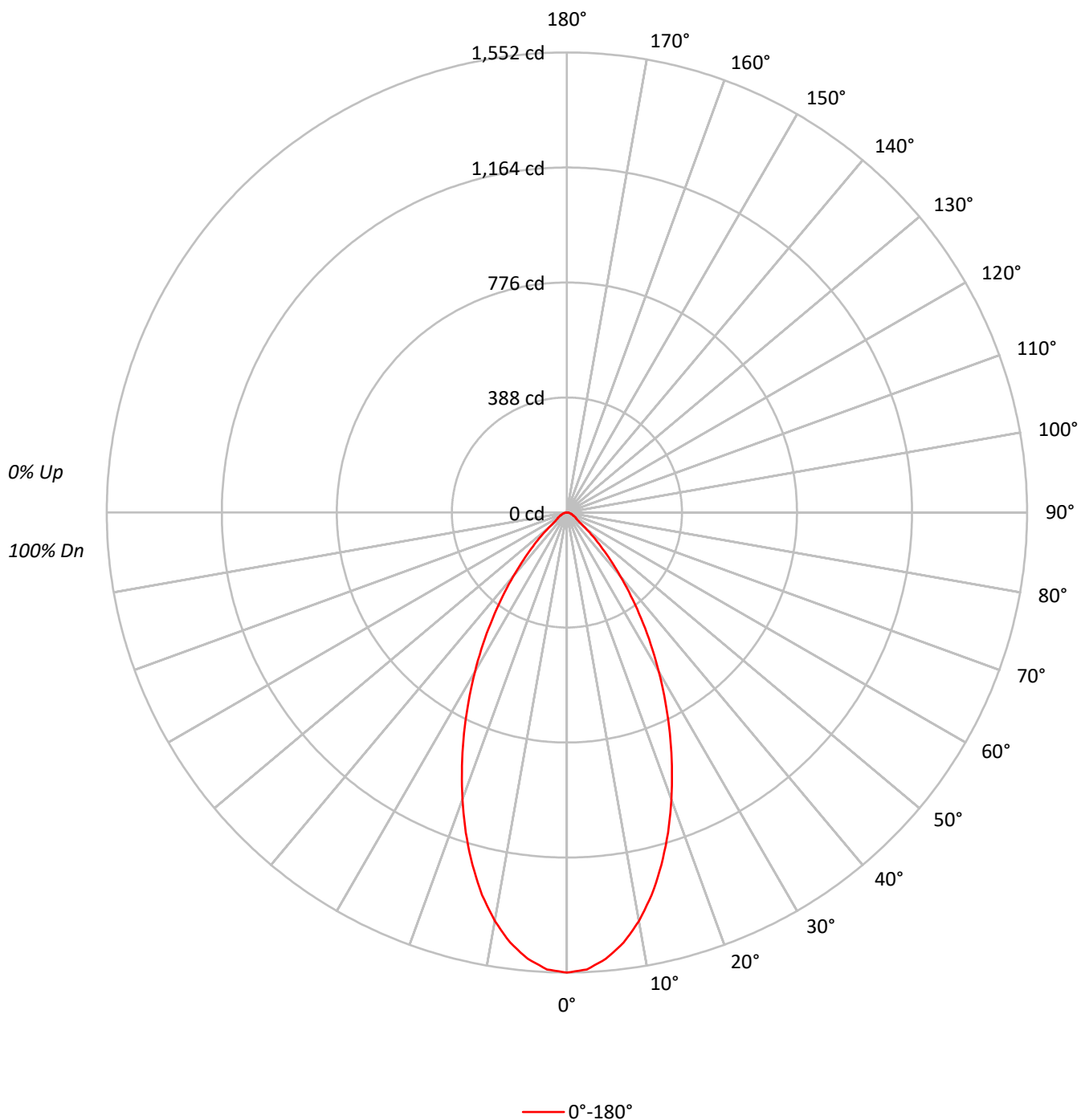
Lumens per Lamp: N/A
Luminaire Lumens: 1342.9 lumens
Efficiency: N/A
Efficacy: 46.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	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	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	340367
5°	332731
10°	311506
15°	279457
20°	240308
25°	198713
30°	157011
35°	116607
40°	80293
45°	50362
50°	27701
55°	16210
60°	14560
65°	12453
70°	10643
75°	10929
80°	9345
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 50362 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.7	10.5
10°-20°	341.9	25.5
20°-30°	375.0	27.9
30°-40°	273.2	20.3
40°-50°	129.0	9.6
50°-60°	42.3	3.1
60°-70°	23.9	1.8
70°-80°	12.9	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°	857.6	63.9
0°-40°	1130.8	84.2
0°-60°	1302.1	97.0
0°-90°	1342.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1342.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1552	
5°	1512	141
15°	1231	342
25°	821	375
35°	436	273
45°	162	129
55°	42	42
65°	24	24
75°	13	13
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1552.2
2.5°	1542.9
5°	1511.6
7.5°	1463.6
10°	1399.0
12.5°	1321.5
15°	1231.0
17.5°	1133.2
20°	1029.8
22.5°	924.6
25°	821.3
27.5°	717.9
30°	620.1
32.5°	526.0
35°	435.6
37.5°	354.4
40°	280.5
42.5°	215.9
45°	162.4
47.5°	118.1
50°	81.2
52.5°	53.5
55°	42.4
57.5°	36.9
60°	33.2
62.5°	27.7
65°	24.0
67.5°	20.3
70°	16.6
72.5°	14.8
75°	12.9
77.5°	9.2
80°	7.4
82.5°	5.5
85°	3.7
87.5°	1.8
90°	0.0

(END OF REPORT)