

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: P1250503

Luminaire Tested: P3AS24R609027D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250503
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: P3AS24R609027D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

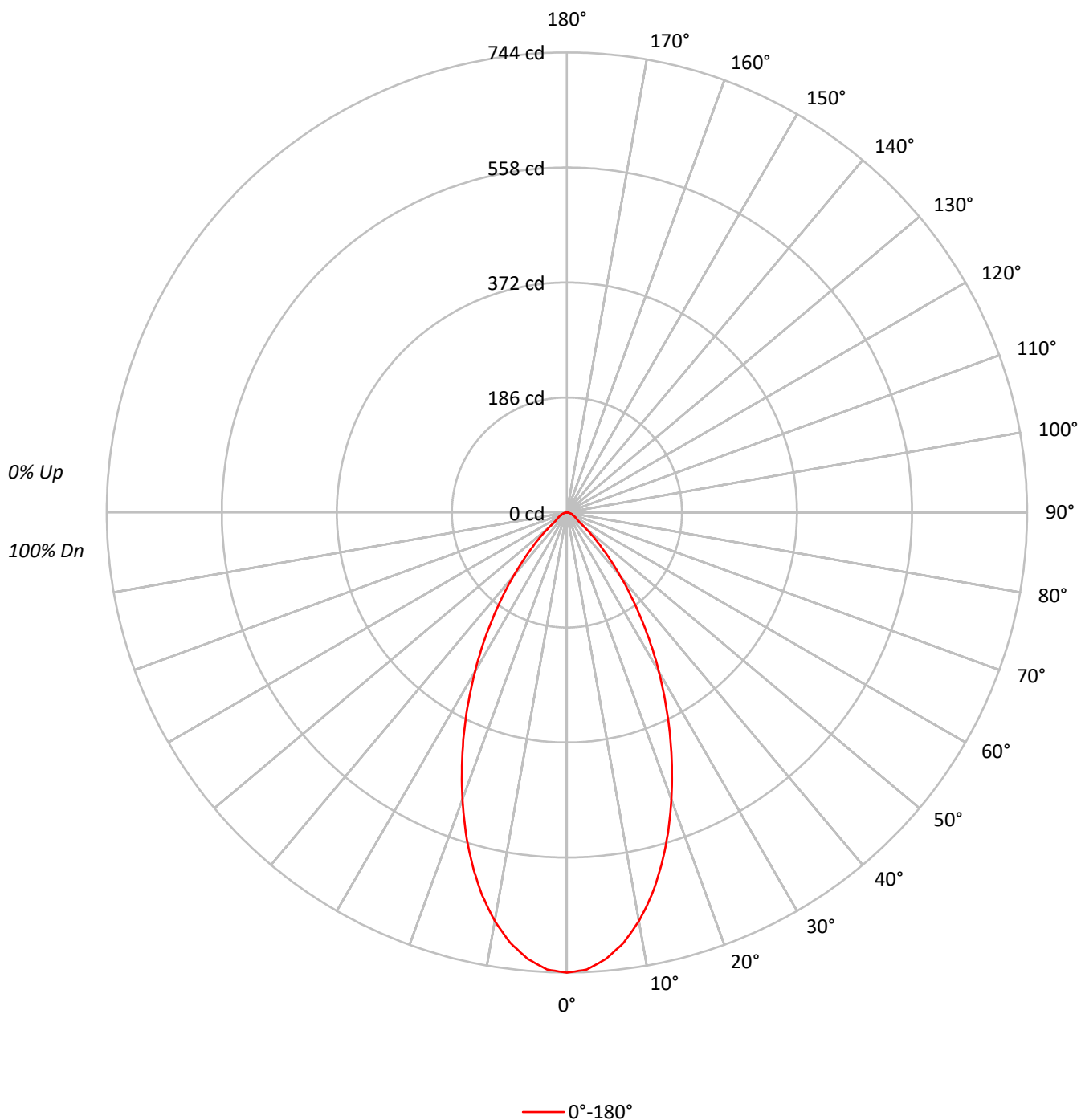
Lumens per Lamp: N/A
Luminaire Lumens: 644.0 lumens
Efficiency: N/A
Efficacy: 22.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250503

CATALOG NUMBER: P3AS24R609027D010 E3DLP1GPH

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°	163211
5°	159542
10°	149363
15°	134008
20°	115230
25°	95280
30°	75303
35°	55921
40°	38501
45°	24158
50°	13270
55°	7799
60°	6973
65°	5967
70°	5129
75°	5253
80°	4420
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24158 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.5	10.5
10°-20°	163.9	25.5
20°-30°	179.8	27.9
30°-40°	131.0	20.3
40°-50°	61.9	9.6
50°-60°	20.3	3.1
60°-70°	11.5	1.8
70°-80°	6.2	1.0
80°-90°	1.9	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°	411.2	63.9
0°-40°	542.3	84.2
0°-60°	624.4	97.0
0°-90°	644.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	644.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	744	
5°	725	67
15°	590	164
25°	394	180
35°	209	131
45°	78	62
55°	20	20
65°	12	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	744.3
2.5°	739.9
5°	724.8
7.5°	701.8
10°	670.8
12.5°	633.7
15°	590.3
17.5°	543.4
20°	493.8
22.5°	443.4
25°	393.8
27.5°	344.3
30°	297.4
32.5°	252.2
35°	208.9
37.5°	169.9
40°	134.5
42.5°	103.5
45°	77.9
47.5°	56.6
50°	38.9
52.5°	25.7
55°	20.4
57.5°	17.7
60°	15.9
62.5°	13.3
65°	11.5
67.5°	9.7
70°	8.0
72.5°	7.1
75°	6.2
77.5°	4.4
80°	3.5
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)