

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: P1250241

Luminaire Tested: P3AS24R159027D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250241
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: P3AS24R159027D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

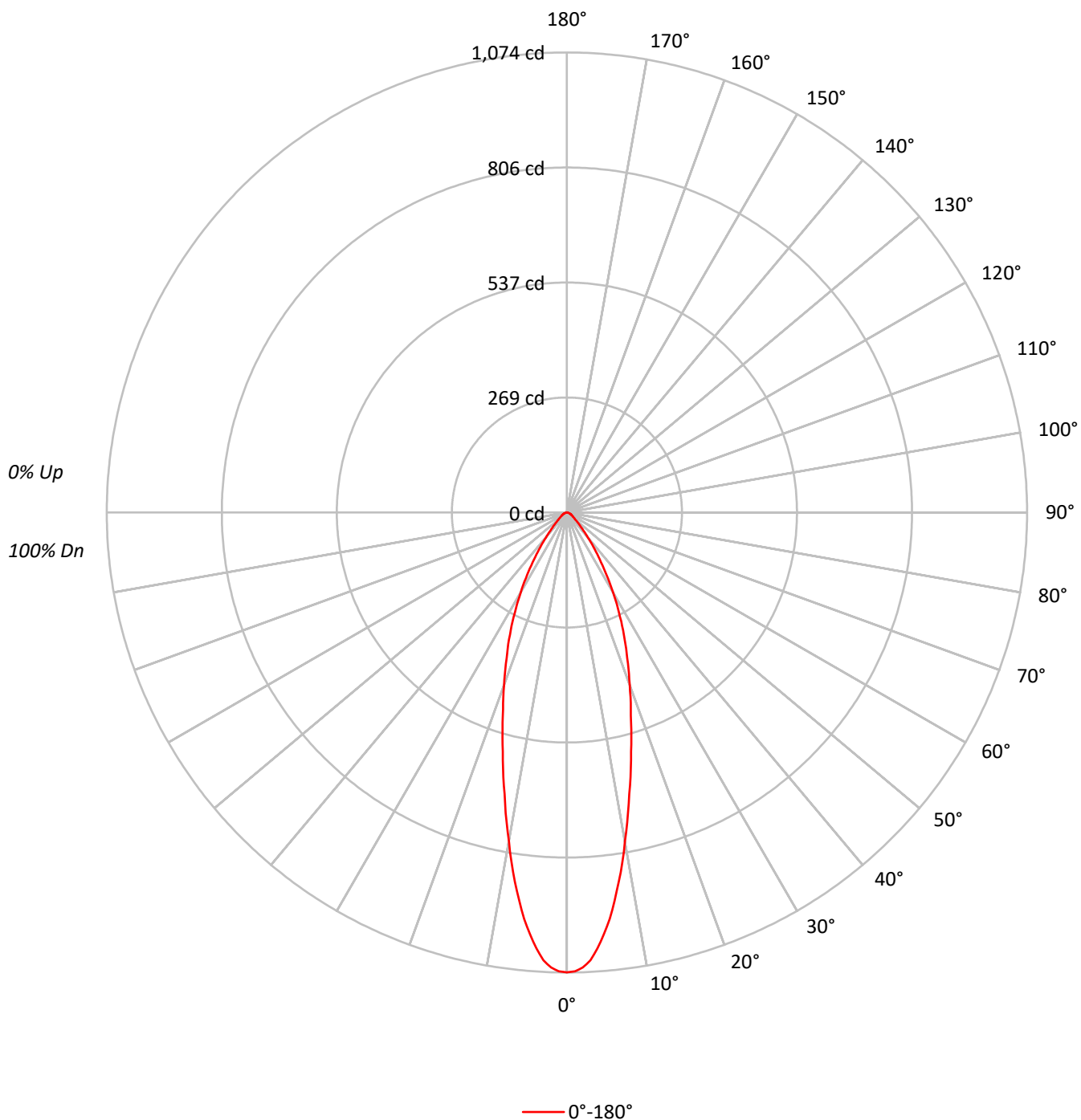
Lumens per Lamp: N/A
Luminaire Lumens: 546.0 lumens
Efficiency: N/A
Efficacy: 19.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	108	106		111	108	106	104		104	102	101		100	99	98		97	96	95
2	108	103	98	95		105	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	94	90	86		92	88	85		89	86	83		87	84	82
4	97	90	84	80		95	88	83	79		86	82	78		84	81	78		82	79	77
5	93	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		87	79	73	69		77	72	69		76	71	68		74	71	68
7	84	75	69	65		83	74	69	65		73	68	64		72	67	64		71	67	64
8	80	71	65	61		79	71	65	61		69	64	61		68	64	61		67	63	60
9	77	68	62	58		76	67	62	58		66	61	58		65	61	57		64	60	57
10	74	64	59	55		73	64	59	55		63	58	55		62	58	55		62	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	235442
5°	217609
10°	173722
15°	131238
20°	99922
25°	76166
30°	54565
35°	35603
40°	21841
45°	13211
50°	8767
55°	6767
60°	5833
65°	5085
70°	4552
75°	4490
80°	3410
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 13211 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.6	16.0
10°-20°	161.6	29.6
20°-30°	143.9	26.3
30°-40°	85.1	15.6
40°-50°	34.9	6.4
50°-60°	16.4	3.0
60°-70°	10.0	1.8
70°-80°	5.2	1.0
80°-90°	1.3	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°	393.0	72.0
0°-40°	478.1	87.6
0°-60°	529.5	97.0
0°-90°	546.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	546.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1074	
5°	989	88
15°	578	162
25°	315	144
35°	133	85
45°	43	35
55°	18	16
65°	10	10
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1073.7
1°	1071.1
2°	1063.1
3°	1047.1
4°	1020.5
5°	988.6
6°	954.0
7°	913.2
8°	870.7
9°	827.2
10°	780.2
12.5°	673.0
15°	578.1
17.5°	496.5
20°	428.2
22.5°	368.0
25°	314.8
27.5°	263.3
30°	215.5
32.5°	172.0
35°	133.0
37.5°	102.0
40°	76.3
42.5°	56.7
45°	42.6
47.5°	32.8
50°	25.7
52.5°	21.3
55°	17.7
57.5°	15.1
60°	13.3
62.5°	11.5
65°	9.8
67.5°	8.9
70°	7.1
72.5°	6.2
75°	5.3
77.5°	3.5
80°	2.7
82.5°	1.8
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)