

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: P1249325

Luminaire Tested: P3AS13R409027DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249325
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R409027DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

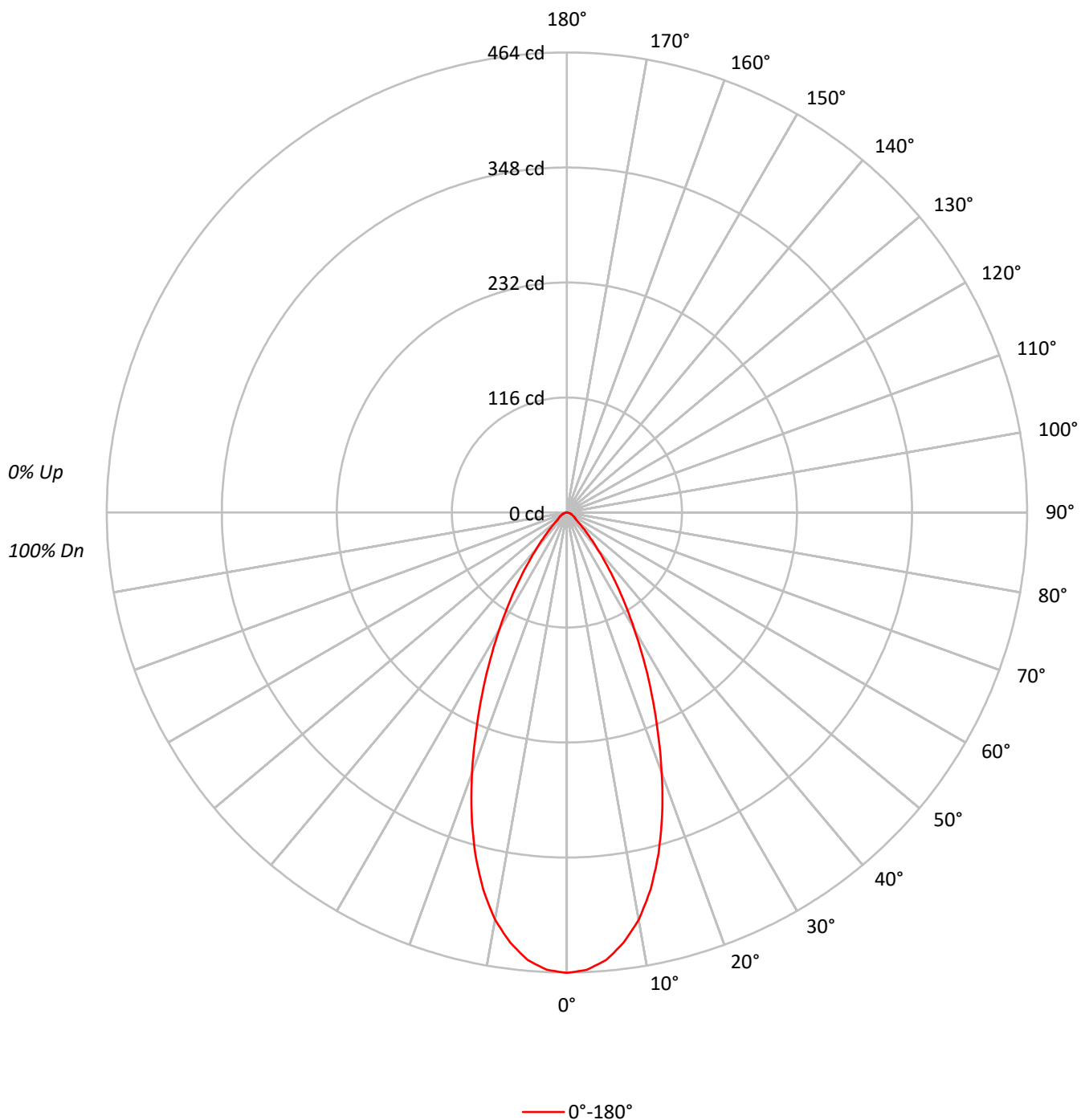
Lumens per Lamp: N/A
Luminaire Lumens: 327.0 lumens
Efficiency: N/A
Efficacy: 22.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	101812
5°	99758
10°	92873
15°	80954
20°	65246
25°	48898
30°	34385
35°	22513
40°	13626
45°	8156
50°	4844
55°	3900
60°	3508
65°	3009
70°	2885
75°	2288
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8156 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.1	12.9
10°-20°	98.2	30.0
20°-30°	92.6	28.3
30°-40°	53.5	16.4
40°-50°	21.3	6.5
50°-60°	9.4	2.9
60°-70°	5.8	1.8
70°-80°	3.1	0.9
80°-90°	1.0	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°	232.9	71.2
0°-40°	286.4	87.6
0°-60°	317.1	97.0
0°-90°	327.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	327.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	464	
5°	453	42
15°	357	98
25°	202	93
35°	84	54
45°	26	21
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	464.3
2.5°	461.7
5°	453.2
7.5°	437.6
10°	417.1
12.5°	389.5
15°	356.6
17.5°	319.6
20°	279.6
22.5°	239.5
25°	202.1
27.5°	167.4
30°	135.8
32.5°	108.2
35°	84.1
37.5°	63.7
40°	47.6
42.5°	35.6
45°	26.3
47.5°	19.1
50°	14.2
52.5°	11.6
55°	10.2
57.5°	9.3
60°	8.0
62.5°	6.7
65°	5.8
67.5°	4.9
70°	4.5
72.5°	3.6
75°	2.7
77.5°	2.2
80°	1.8
82.5°	1.3
85°	0.9
87.5°	0.4
90°	0.0

(END OF REPORT)