

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: P1264343

Luminaire Tested: P3A05R409730DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264343
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: P3A05R409730DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

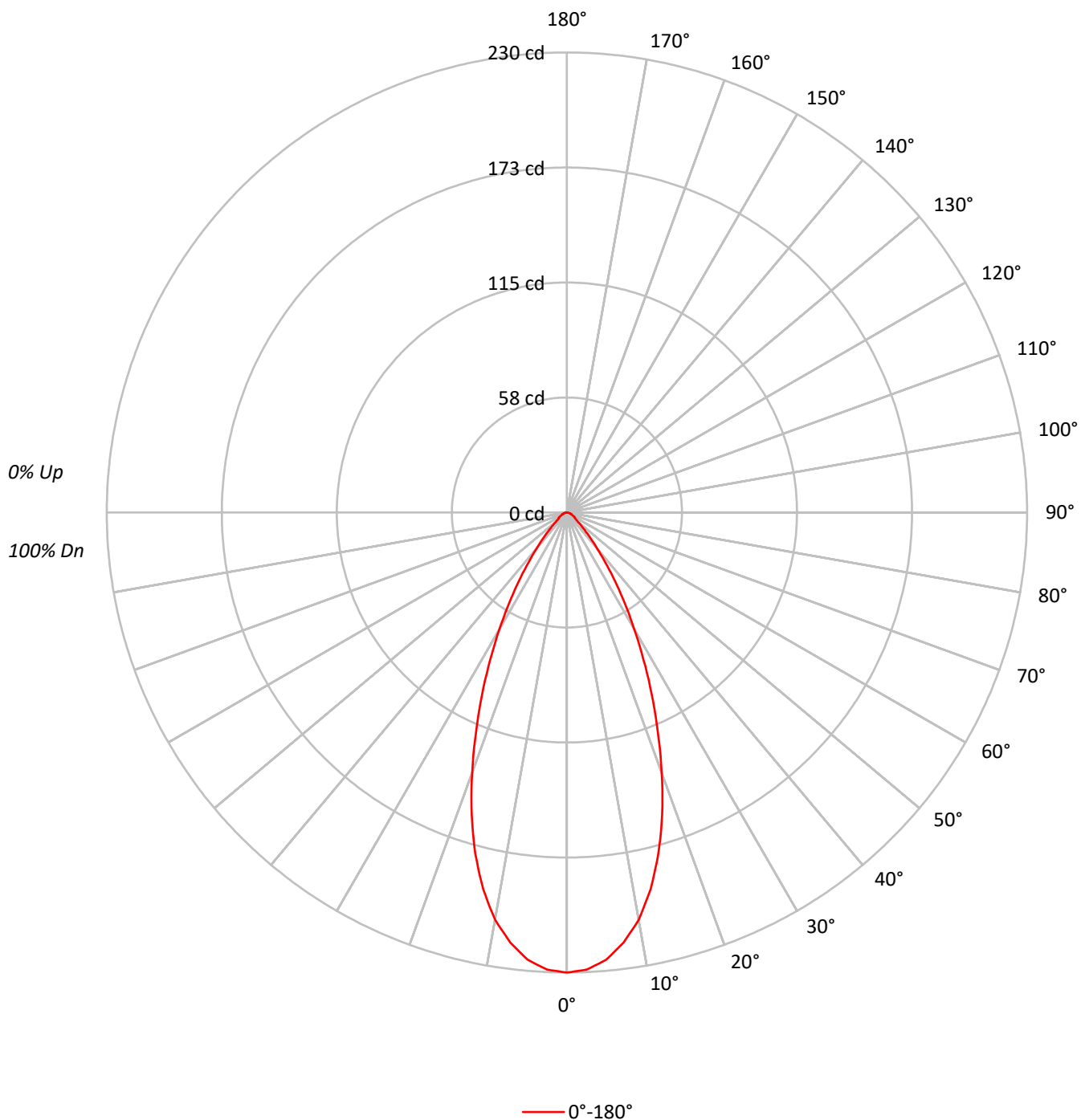
Lumens per Lamp: N/A
Luminaire Lumens: 162.0 lumens
Efficiency: N/A
Efficacy: 22.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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°	50435
5°	49417
10°	46025
15°	40114
20°	32319
25°	24219
30°	17041
35°	11163
40°	6756
45°	4031
50°	2422
55°	1950
60°	1754
65°	1505
70°	1410
75°	1101
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4031 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.8	12.9
10°-20°	48.7	30.0
20°-30°	45.9	28.3
30°-40°	26.5	16.4
40°-50°	10.6	6.5
50°-60°	4.7	2.9
60°-70°	2.9	1.8
70°-80°	1.5	0.9
80°-90°	0.5	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°	115.4	71.2
0°-40°	141.9	87.6
0°-60°	157.1	97.0
0°-90°	162.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	162.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	230	
5°	224	21
15°	177	49
25°	100	46
35°	42	27
45°	13	11
55°	5	5
65°	3	3
75°	1	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	230.0
2.5°	228.7
5°	224.5
7.5°	216.8
10°	206.7
12.5°	193.0
15°	176.7
17.5°	158.4
20°	138.5
22.5°	118.7
25°	100.1
27.5°	82.9
30°	67.3
32.5°	53.6
35°	41.7
37.5°	31.5
40°	23.6
42.5°	17.6
45°	13.0
47.5°	9.5
50°	7.1
52.5°	5.7
55°	5.1
57.5°	4.6
60°	4.0
62.5°	3.3
65°	2.9
67.5°	2.4
70°	2.2
72.5°	1.8
75°	1.3
77.5°	1.1
80°	0.9
82.5°	0.7
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)