

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: P1269213

Luminaire Tested: P3A05R609740DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269213
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: P3A05R609740DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

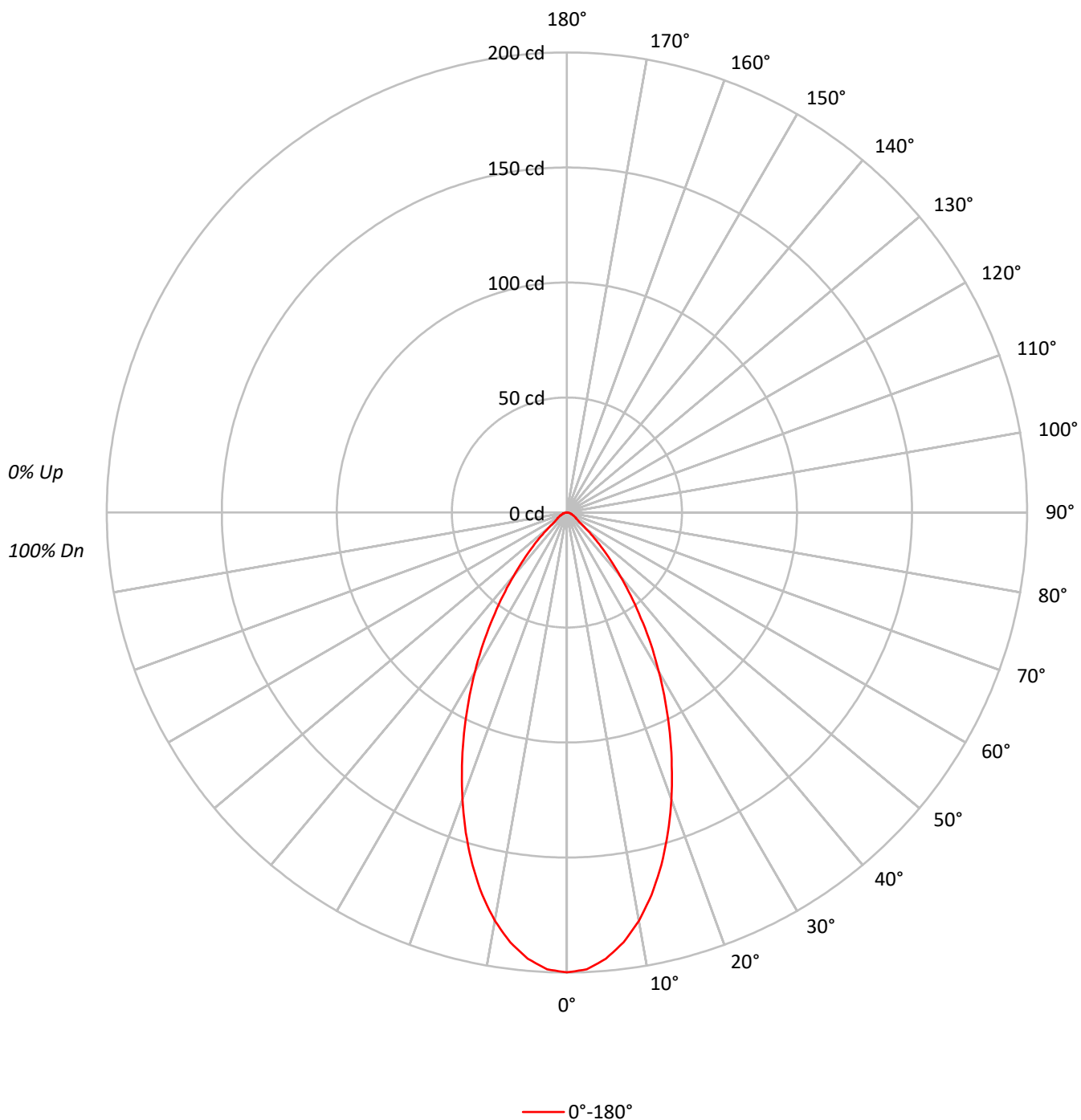
Lumens per Lamp: N/A
Luminaire Lumens: 173.0 lumens
Efficiency: N/A
Efficacy: 24.0 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	43834
5°	42857
10°	40124
15°	36005
20°	30966
25°	25598
30°	20231
35°	15018
40°	10334
45°	6481
50°	3582
55°	2103
60°	1886
65°	1608
70°	1346
75°	1440
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6481 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.1	10.5
10°-20°	44.0	25.5
20°-30°	48.3	27.9
30°-40°	35.2	20.3
40°-50°	16.6	9.6
50°-60°	5.5	3.2
60°-70°	3.1	1.8
70°-80°	1.7	1.0
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°	110.5	63.8
0°-40°	145.7	84.2
0°-60°	167.8	96.9
0°-90°	173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	173.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	200	
5°	195	18
15°	159	44
25°	106	48
35°	56	35
45°	21	17
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	199.9
2.5°	198.8
5°	194.7
7.5°	188.5
10°	180.2
12.5°	170.2
15°	158.6
17.5°	146.0
20°	132.7
22.5°	119.1
25°	105.8
27.5°	92.5
30°	79.9
32.5°	67.8
35°	56.1
37.5°	45.6
40°	36.1
42.5°	27.8
45°	20.9
47.5°	15.2
50°	10.5
52.5°	6.9
55°	5.5
57.5°	4.8
60°	4.3
62.5°	3.6
65°	3.1
67.5°	2.6
70°	2.1
72.5°	1.9
75°	1.7
77.5°	1.2
80°	1.0
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)