

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: P1269041

Luminaire Tested: P3A05R309740DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269041
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R309740DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

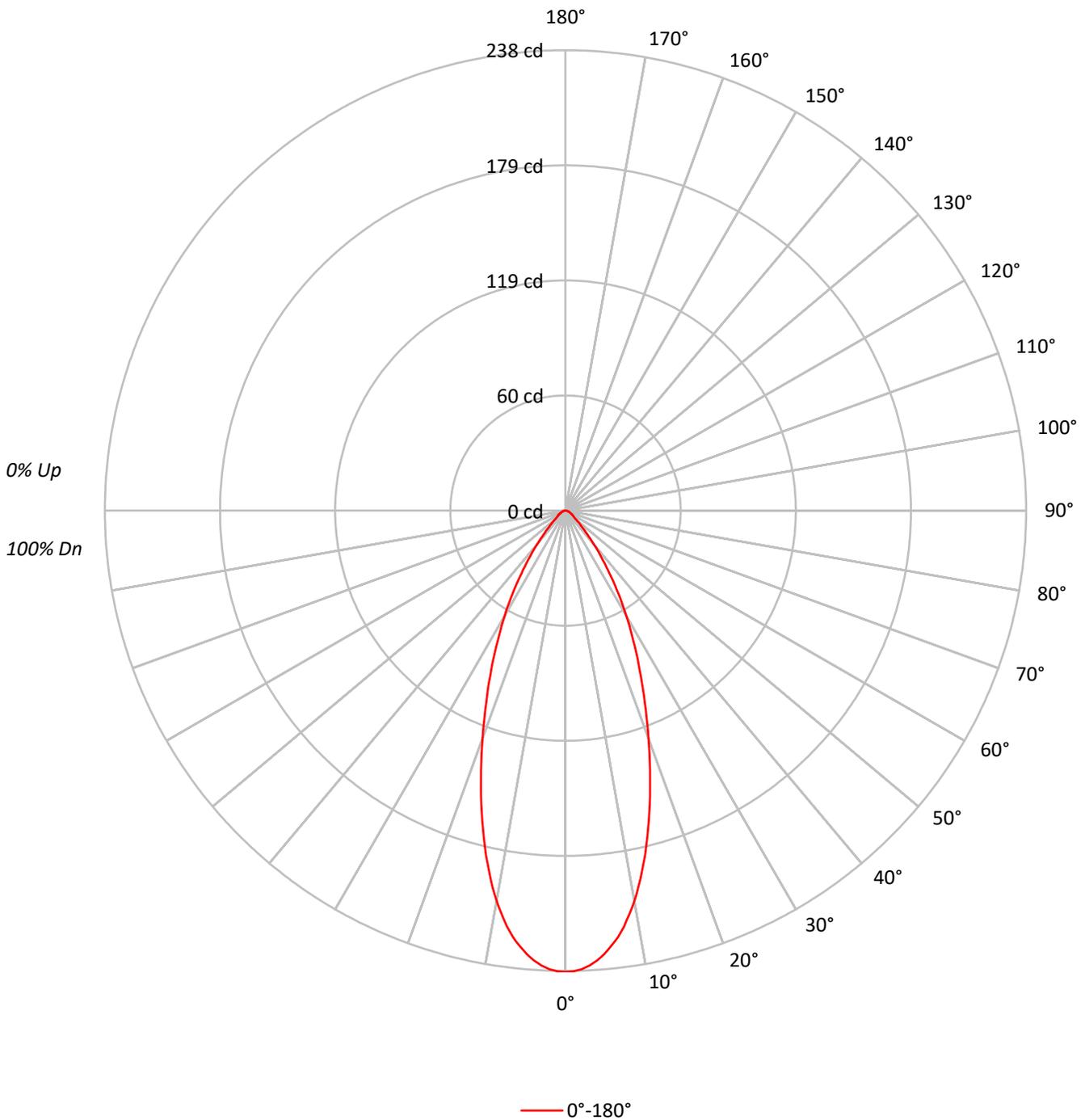
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 153.1 lumens
Efficiency: N/A
Efficacy: 21.3 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
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

TEST NUMBER: P1269041
CATALOG NUMBER: P3A05R309740DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1269041

CATALOG NUMBER: P3A05R309740DE010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	81	80				80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74				74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70				70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65				65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61				61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58				58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55				55
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52				52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52277
5°	50649
10°	45646
15°	37753
20°	29239
25°	21921
30°	15927
35°	10601
40°	6527
45°	3814
50°	2354
55°	1912
60°	1667
65°	1349
70°	1218
75°	1186
80°	884
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3814 cd/sqm



TEST NUMBER: P1269041
 CATALOG NUMBER: P3A05R309740DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.2	13.8
10°-20°	45.8	29.9
20°-30°	41.7	27.2
30°-40°	25.2	16.5
40°-50°	10.1	6.6
50°-60°	4.5	2.9
60°-70°	2.7	1.8
70°-80°	1.5	1.0
80°-90°	0.4	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°	108.6	71.0
0°-40°	133.9	87.5
0°-60°	148.5	97.0
0°-90°	153.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	153.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	238	
5°	230	21
15°	166	46
25°	91	42
35°	40	25
45°	12	10
55°	5	4
65°	3	3
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1269041

CATALOG NUMBER: P3A05R309740DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	238.4
1°	238.2
2°	237.2
3°	235.6
4°	233.2
5°	230.1
6°	226.3
7°	222.3
8°	217.1
9°	211.1
10°	205.0
11°	197.9
12°	190.3
13°	182.7
14°	174.4
15°	166.3
17.5°	145.2
20°	125.3
22.5°	106.8
25°	90.6
27.5°	75.9
30°	62.9
32.5°	50.8
35°	39.6
37.5°	30.4
40°	22.8
42.5°	16.6
45°	12.3
47.5°	9.3
50°	6.9
52.5°	5.5
55°	5.0
57.5°	4.3
60°	3.8
62.5°	3.1
65°	2.6
67.5°	2.4
70°	1.9
72.5°	1.7
75°	1.4
77.5°	1.2
80°	0.7
82.5°	0.5
85°	0.5
87.5°	0.2



TEST NUMBER: P1269041
CATALOG NUMBER: P3A05R309740DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)