

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: P1264283

Luminaire Tested: P3A05R309730DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264283
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: P3A05R309730DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

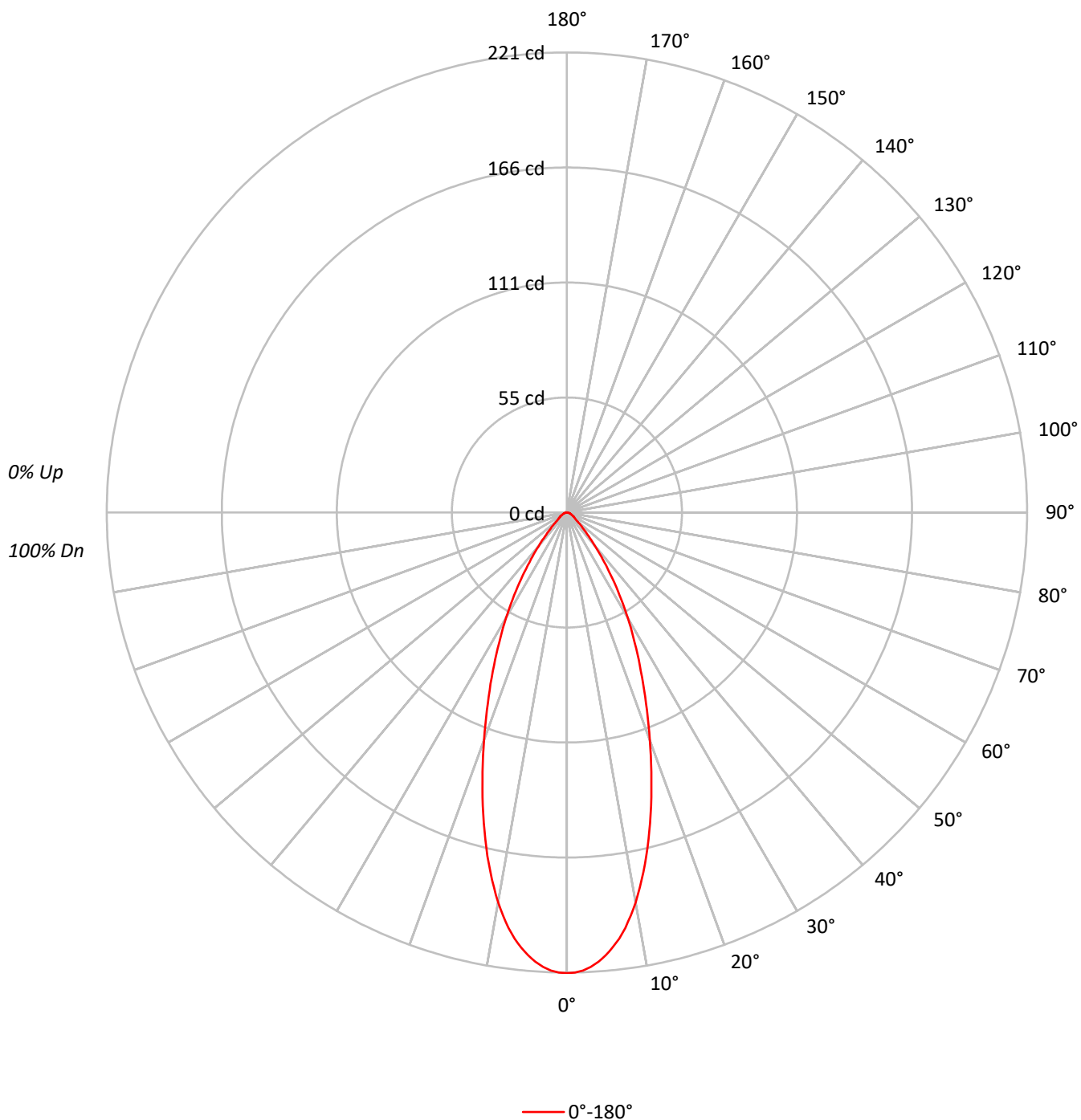
Lumens per Lamp: N/A
Luminaire Lumens: 142.0 lumens
Efficiency: N/A
Efficacy: 19.7 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264283

CATALOG NUMBER: P3A05R309730DE010 E3DLP1GPH

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	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		68	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48527
5°	47017
10°	42351
15°	35051
20°	27139
25°	20348
30°	14762
35°	9851
40°	6040
45°	3535
50°	2183
55°	1759
60°	1535
65°	1245
70°	1154
75°	1101
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3535 cd/sqm

TEST NUMBER: P1264283

CATALOG NUMBER: P3A05R309730DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.6	13.8
10°-20°	42.5	29.9
20°-30°	38.7	27.2
30°-40°	23.4	16.5
40°-50°	9.4	6.6
50°-60°	4.2	2.9
60°-70°	2.5	1.8
70°-80°	1.4	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°	100.8	71.0
0°-40°	124.2	87.5
0°-60°	137.7	97.0
0°-90°	142.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	142.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	221	
5°	214	20
15°	154	43
25°	84	39
35°	37	23
45°	11	9
55°	5	4
65°	2	3
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1264283

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CANDELA DISTRIBUTION (FULL):

0°	
0°	221.3
1°	221.1
2°	220.2
3°	218.6
4°	216.4
5°	213.6
6°	210.1
7°	206.3
8°	201.5
9°	196.0
10°	190.2
11°	183.6
12°	176.6
13°	169.5
14°	161.8
15°	154.4
17.5°	134.8
20°	116.3
22.5°	99.1
25°	84.1
27.5°	70.5
30°	58.3
32.5°	47.1
35°	36.8
37.5°	28.2
40°	21.1
42.5°	15.4
45°	11.4
47.5°	8.6
50°	6.4
52.5°	5.1
55°	4.6
57.5°	4.0
60°	3.5
62.5°	2.9
65°	2.4
67.5°	2.2
70°	1.8
72.5°	1.5
75°	1.3
77.5°	1.1
80°	0.7
82.5°	0.4
85°	0.4
87.5°	0.2



TEST NUMBER: P1264283

CATALOG NUMBER: P3A05R309730DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)