

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: P1290564

Luminaire Tested: P3A05R55W2N902765DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290564
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R55W2N902765DE010 E3DLP1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

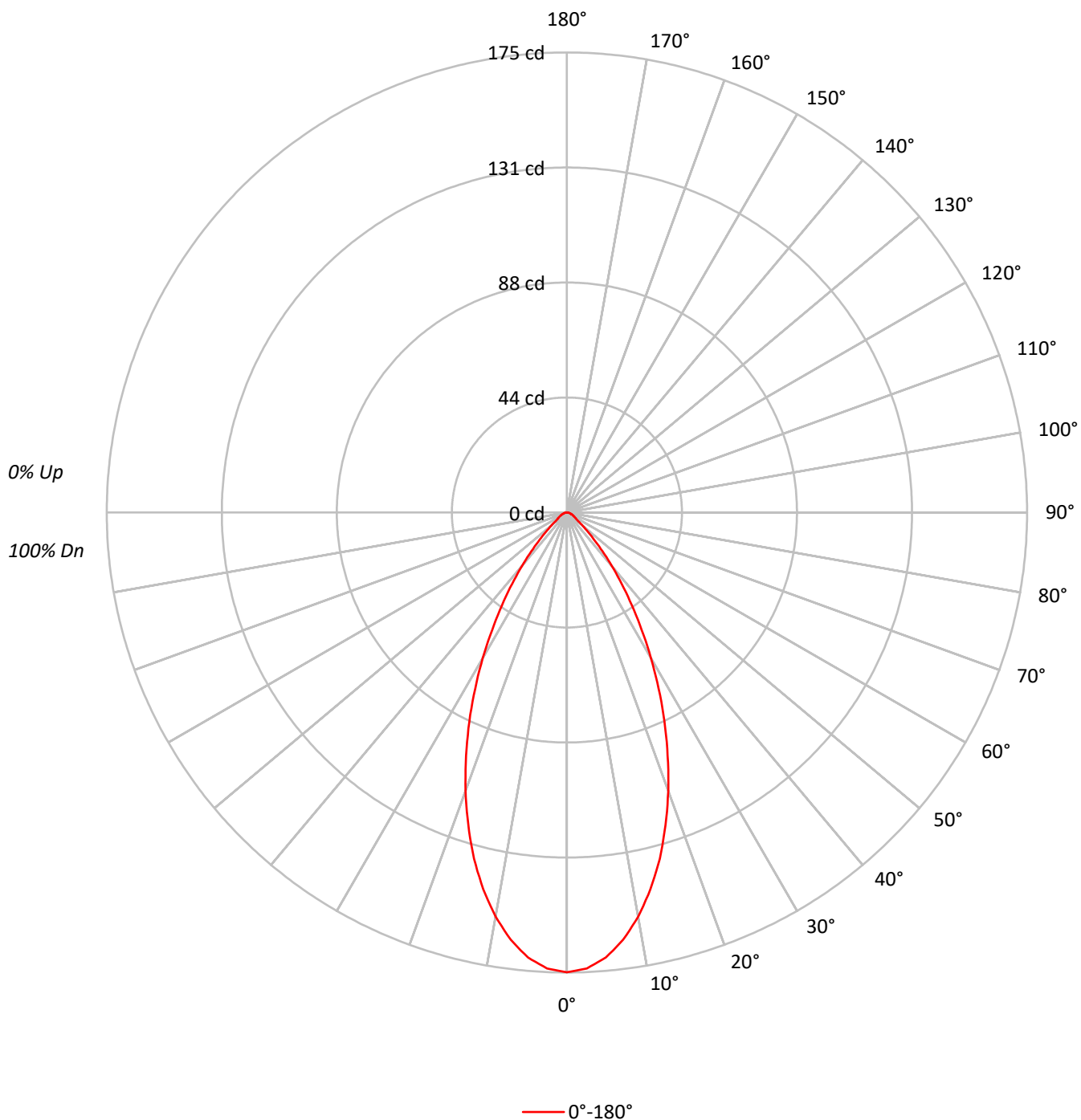
Lumens per Lamp: N/A
Luminaire Lumens: 141.0 lumens
Efficiency: N/A
Efficacy: 23.9 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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: P1290564

CATALOG NUMBER: P3A05R55W2N902765DE010 E3DLP1GPH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1290564

CATALOG NUMBER: P3A05R55W2N902765DE010 E3DLP1GPH_3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		97	95	94	92
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91	89	87	85
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85	83	80	79
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80	77	74	73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76	72	69	67
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72	68	64	63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68	63	60	59
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64	60	56	55
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61	56	53	52
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58	53	50	49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	38352
5°	37398
10°	34758
15°	30965
20°	26299
25°	21243
30°	16180
35°	11511
40°	7586
45°	4497
50°	2627
55°	1644
60°	1447
65°	1297
70°	1090
75°	1017
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4497 cd/sqm

TEST NUMBER: P1290564

CATALOG NUMBER: P3A05R55W2N902765DE010 E3DLP1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.8	11.2
10°-20°	37.8	26.8
20°-30°	40.0	28.4
30°-40°	27.1	19.2
40°-50°	11.9	8.4
50°-60°	4.3	3.0
60°-70°	2.5	1.8
70°-80°	1.3	0.9
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°	93.6	66.4
0°-40°	120.7	85.6
0°-60°	136.8	97.0
0°-90°	141.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	141.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	175	
5°	170	16
15°	136	38
25°	88	40
35°	43	27
45°	14	12
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1290564

CATALOG NUMBER: P3A05R55W2N902765DE010 E3DLP1GPH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	174.9
2.5°	173.6
5°	169.9
7.5°	163.9
10°	156.1
12.5°	146.8
15°	136.4
17.5°	124.7
20°	112.7
22.5°	100.1
25°	87.8
27.5°	75.5
30°	63.9
32.5°	52.9
35°	43.0
37.5°	34.1
40°	26.5
42.5°	20.0
45°	14.5
47.5°	10.7
50°	7.7
52.5°	5.4
55°	4.3
57.5°	3.9
60°	3.3
62.5°	2.9
65°	2.5
67.5°	2.1
70°	1.7
72.5°	1.5
75°	1.2
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)