

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: P1289857

Luminaire Tested: P3A05R45W2N902765DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289857
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R45W2N902765DE010 E3DL1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

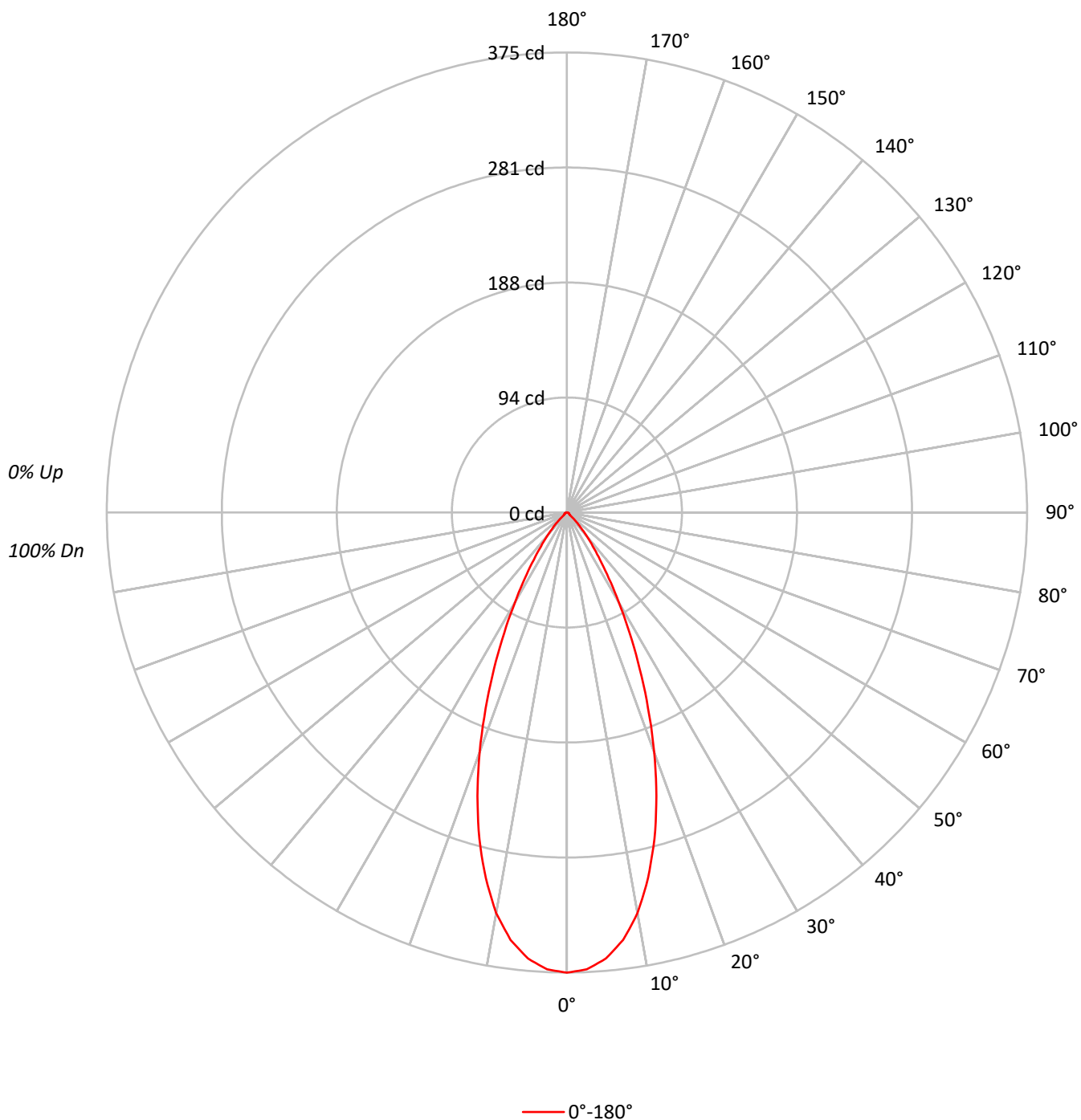
Lumens per Lamp: N/A
Luminaire Lumens: 219.1 lumens
Efficiency: N/A
Efficacy: 37.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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					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	114	111	109	107		111	109	107	105		105	103	102		101	100	99		98	97	96		94			
2	109	104	100	97		106	102	99	96		99	96	94		96	94	92		93	91	90		88			
3	104	98	93	89		102	96	92	88		94	90	87		91	88	86		89	86	84		83			
4	99	92	87	83		97	91	86	82		89	84	81		87	83	80		85	82	79		78			
5	94	87	81	77		93	86	81	77		84	80	76		82	79	76		81	78	75		74			
6	90	82	76	73		89	81	76	72		80	75	72		78	74	71		77	74	71		69			
7	86	78	72	68		85	77	72	68		76	71	68		75	71	67		74	70	67		66			
8	83	74	68	65		82	73	68	64		72	68	64		71	67	64		70	67	64		62			
9	79	70	65	61		78	70	65	61		69	64	61		68	64	61		67	63	61		59			
10	76	67	62	58		75	67	62	58		66	61	58		65	61	58		65	61	58		57			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	82252
5°	80321
10°	73835
15°	62566
20°	48538
25°	33921
30°	21370
35°	12582
40°	7128
45°	3473
50°	1194
55°	956
60°	965
65°	934
70°	898
75°	847
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3473 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.8	15.4
10°-20°	75.7	34.5
20°-30°	64.3	29.3
30°-40°	30.7	14.0
40°-50°	9.2	4.2
50°-60°	2.3	1.1
60°-70°	1.8	0.8
70°-80°	1.1	0.5
80°-90°	0.3	0.1
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°	173.7	79.3
0°-40°	204.4	93.3
0°-60°	215.9	98.6
0°-90°	219.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	219.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	375	
5°	365	34
15°	276	76
25°	140	64
35°	47	31
45°	11	9
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	375.1
2.5°	372.7
5°	364.9
7.5°	351.4
10°	331.6
12.5°	305.3
15°	275.6
17.5°	242.5
20°	208.0
22.5°	172.9
25°	140.2
27.5°	110.5
30°	84.4
32.5°	63.5
35°	47.0
37.5°	34.7
40°	24.9
42.5°	17.2
45°	11.2
47.5°	6.3
50°	3.5
52.5°	2.7
55°	2.5
57.5°	2.4
60°	2.2
62.5°	2.0
65°	1.8
67.5°	1.6
70°	1.4
72.5°	1.2
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)