

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: P1289853

Luminaire Tested: P3A05R45W2N902765DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289853
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_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

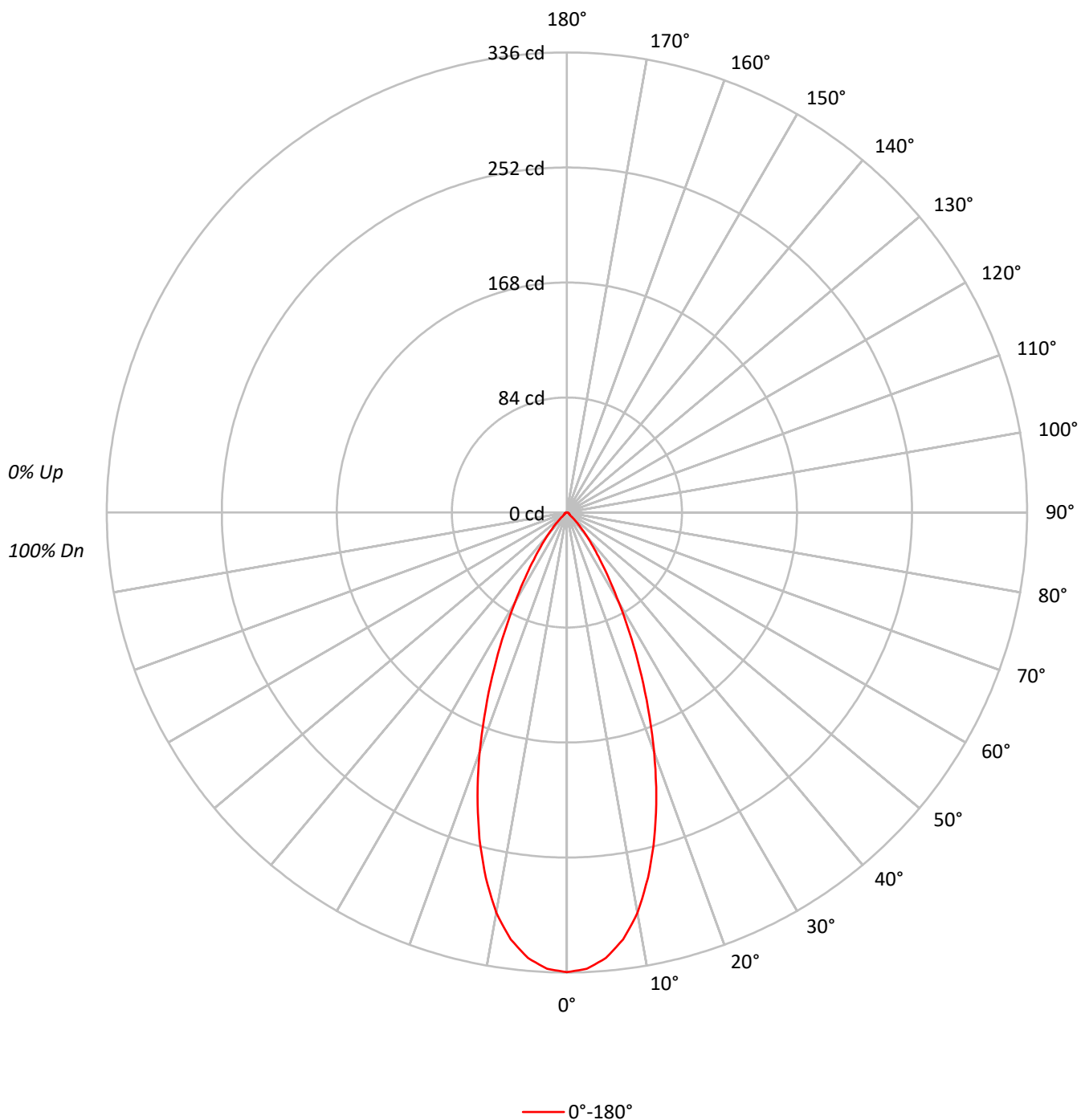
Lumens per Lamp: N/A
Luminaire Lumens: 196.1 lumens
Efficiency: N/A
Efficacy: 33.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			
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°	73613
5°	71891
10°	66087
15°	55982
20°	43427
25°	30365
30°	19117
35°	11270
40°	6383
45°	3101
50°	1092
55°	879
60°	833
65°	830
70°	769
75°	763
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3101 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.2	15.4
10°-20°	67.7	34.5
20°-30°	57.5	29.3
30°-40°	27.4	14.0
40°-50°	8.3	4.2
50°-60°	2.1	1.1
60°-70°	1.6	0.8
70°-80°	0.9	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°	155.5	79.3
0°-40°	182.9	93.3
0°-60°	193.3	98.6
0°-90°	196.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	196.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	336	
5°	327	30
15°	247	68
25°	126	58
35°	42	27
45°	10	8
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	335.7
2.5°	333.6
5°	326.6
7.5°	314.5
10°	296.8
12.5°	273.3
15°	246.6
17.5°	217.0
20°	186.1
22.5°	154.8
25°	125.5
27.5°	98.9
30°	75.5
32.5°	56.8
35°	42.1
37.5°	31.0
40°	22.3
42.5°	15.4
45°	10.0
47.5°	5.6
50°	3.2
52.5°	2.5
55°	2.3
57.5°	2.1
60°	1.9
62.5°	1.8
65°	1.6
67.5°	1.4
70°	1.2
72.5°	1.1
75°	0.9
77.5°	0.7
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)