

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: P1297519

Luminaire Tested: P3A13R45W2N902765DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297519
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R45W2N902765DE010 E3DLP1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

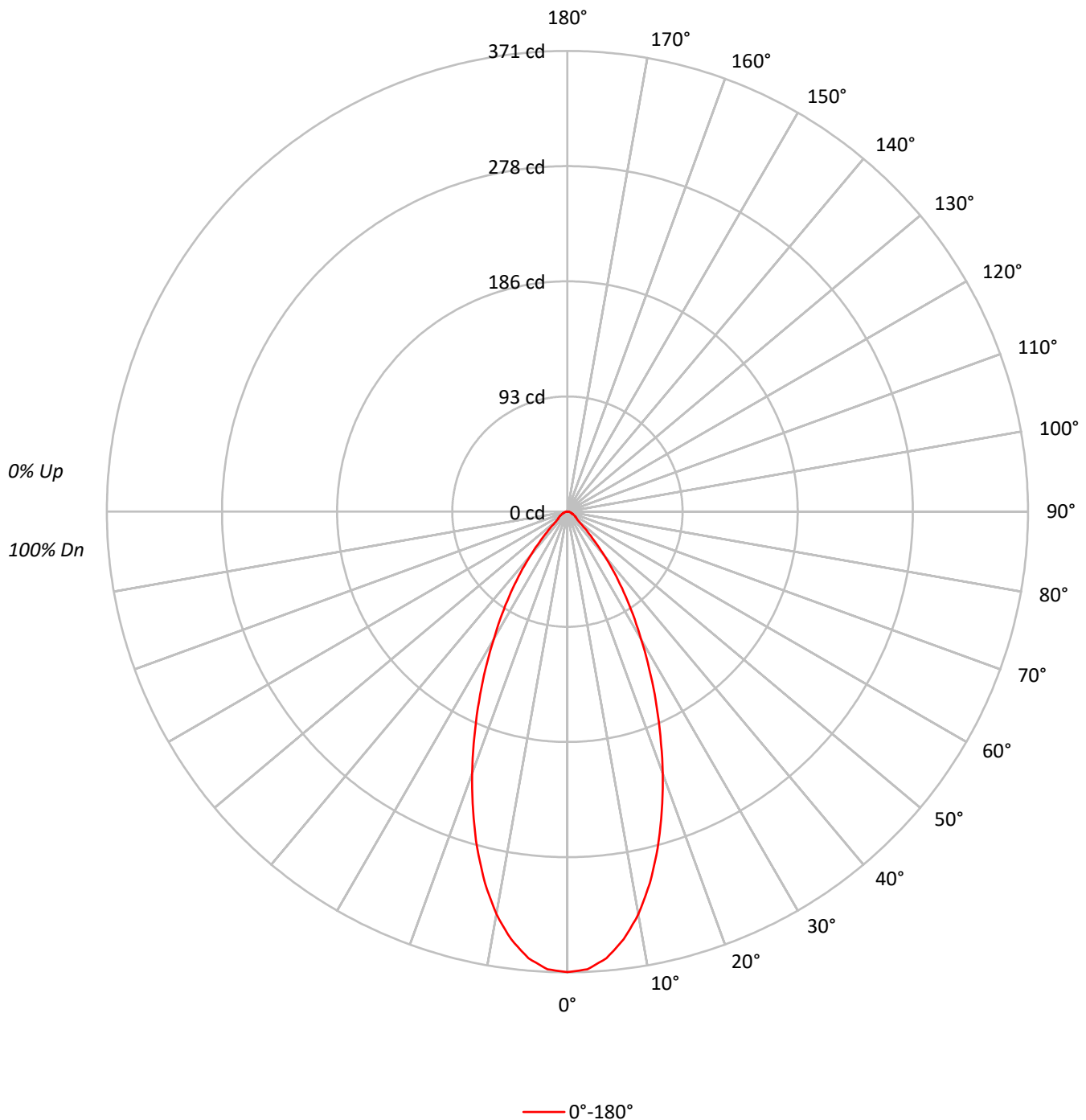
Lumens per Lamp: N/A
Luminaire Lumens: 273.0 lumens
Efficiency: N/A
Efficacy: 22.2 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97	96	94		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91	89	87		86
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86	83	81		79
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81	78	75		74
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77	73	70		69
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73	69	66		64
7	83	73	67	63	81	72	67	62	71	66	62		70	65	62		69	65	61		60
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65	61	58		56
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62	58	55		53
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59	55	52		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81309
5°	79463
10°	73301
15°	63746
20°	52365
25°	40744
30°	30081
35°	21174
40°	13225
45°	7164
50°	3889
55°	3326
60°	2982
65°	2542
70°	2180
75°	2203
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7164 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.4	12.2
10°-20°	77.6	28.4
20°-30°	77.1	28.2
30°-40°	49.6	18.2
40°-50°	19.1	7.0
50°-60°	7.8	2.9
60°-70°	4.9	1.8
70°-80°	2.6	1.0
80°-90°	0.8	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°	188.1	68.9
0°-40°	237.8	87.1
0°-60°	264.7	96.9
0°-90°	273.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	273.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	371	
5°	361	33
15°	281	78
25°	168	77
35°	79	50
45°	23	19
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	370.8
2.5°	368.9
5°	361.0
7.5°	347.4
10°	329.2
12.5°	306.5
15°	280.8
17.5°	252.8
20°	224.4
22.5°	195.6
25°	168.4
27.5°	142.7
30°	118.8
32.5°	98.0
35°	79.1
37.5°	62.1
40°	46.2
42.5°	33.3
45°	23.1
47.5°	15.5
50°	11.4
52.5°	9.5
55°	8.7
57.5°	7.6
60°	6.8
62.5°	5.7
65°	4.9
67.5°	4.2
70°	3.4
72.5°	3.0
75°	2.6
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)