

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: P1296559

Luminaire Tested: P3A13R30W2N902765DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296559
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R30W2N902765DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

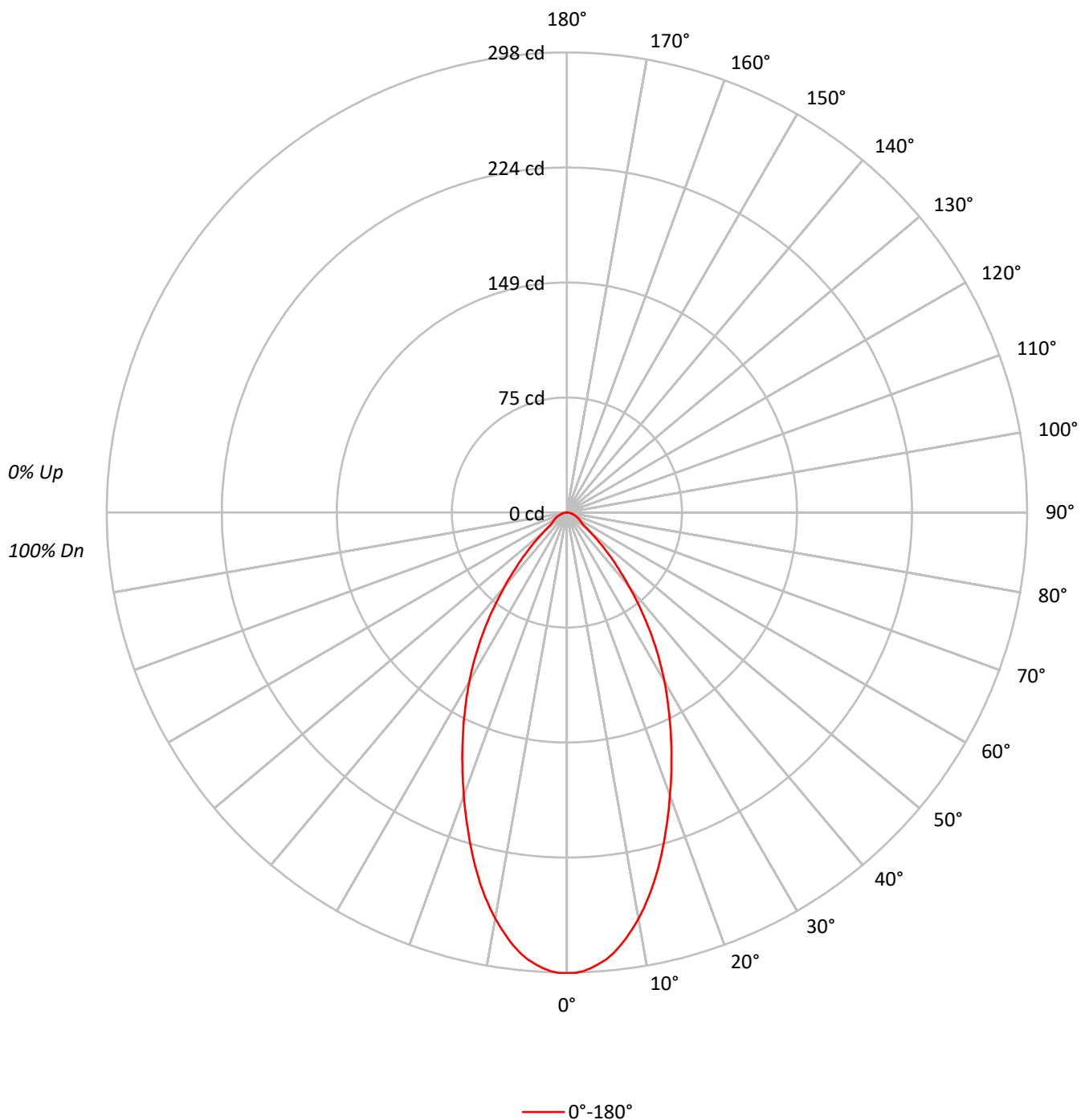
Lumens per Lamp: N/A
Luminaire Lumens: 277.0 lumens
Efficiency: N/A
Efficacy: 22.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76		
4	94	86	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65433
5°	63966
10°	59496
15°	52940
20°	45527
25°	38567
30°	32005
35°	25110
40°	18005
45°	11815
50°	6720
55°	4435
60°	4166
65°	3891
70°	3462
75°	3135
80°	3031
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 11815 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.0	9.7
10°-20°	64.8	23.4
20°-30°	73.1	26.4
30°-40°	58.3	21.1
40°-50°	30.0	10.8
50°-60°	11.3	4.1
60°-70°	7.4	2.7
70°-80°	4.0	1.4
80°-90°	1.1	0.4
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°	164.9	59.5
0°-40°	223.2	80.6
0°-60°	264.4	95.5
0°-90°	277.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	277.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	298	
5°	291	27
15°	233	65
25°	159	73
35°	94	58
45°	38	30
55°	12	11
65°	8	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	298.4
1°	298.4
2°	297.4
3°	295.7
4°	293.3
5°	290.6
6°	287.2
7°	282.8
8°	278.0
9°	272.6
10°	267.2
11°	261.0
12°	254.6
13°	247.8
14°	240.7
15°	233.2
17.5°	214.1
20°	195.1
22.5°	176.8
25°	159.4
27.5°	142.4
30°	126.4
32.5°	110.1
35°	93.8
37.5°	77.8
40°	62.9
42.5°	49.6
45°	38.1
47.5°	28.2
50°	19.7
52.5°	13.9
55°	11.6
57.5°	10.5
60°	9.5
62.5°	8.5
65°	7.5
67.5°	6.5
70°	5.4
72.5°	4.4
75°	3.7
77.5°	3.1
80°	2.4
82.5°	1.7
85°	1.0
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)