

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: P1296643

Luminaire Tested: P3A13R30W2N902765DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296643
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R30W2N902765DE010 E3PHLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

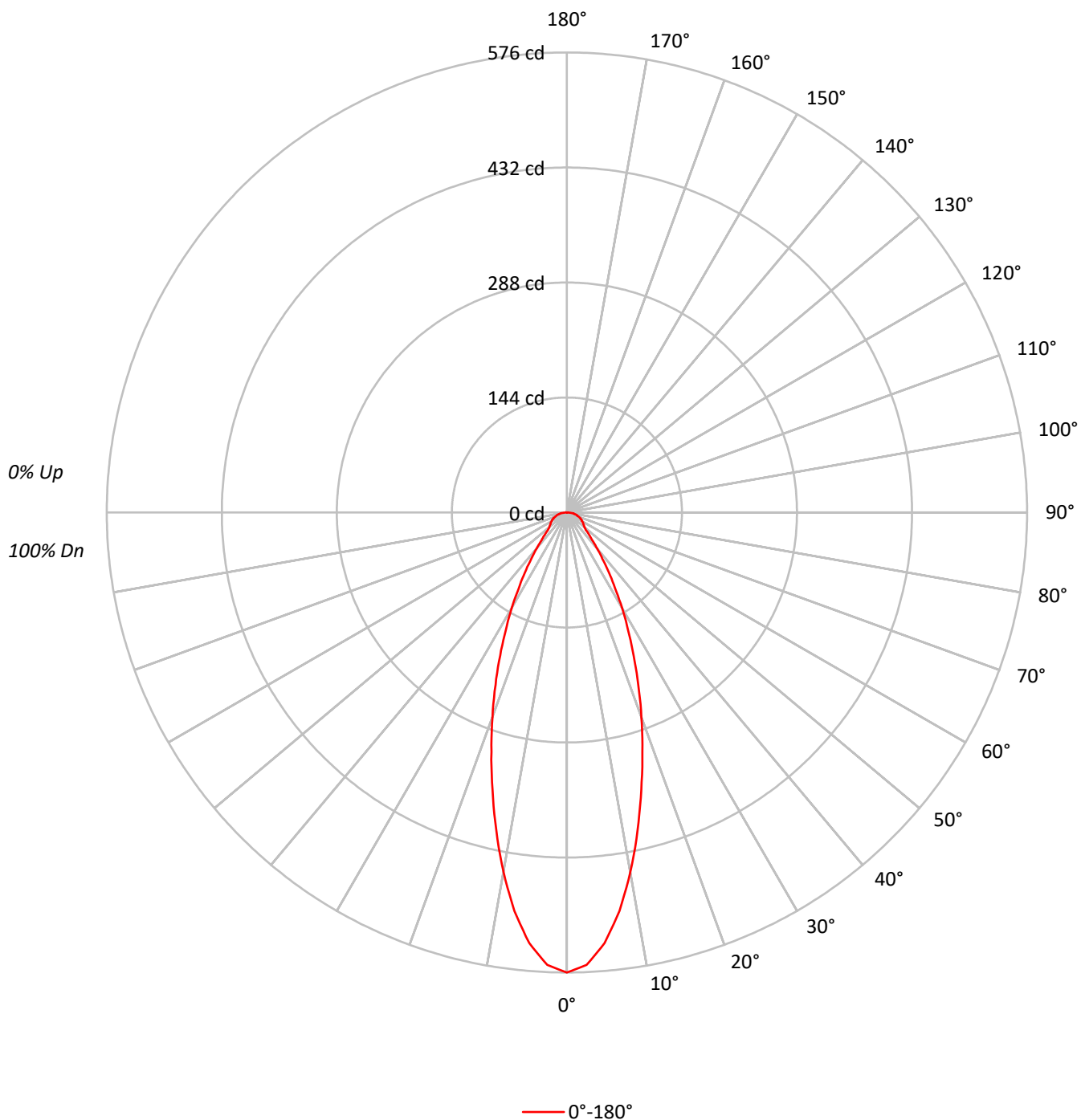
Lumens per Lamp: N/A
Luminaire Lumens: 389.1 lumens
Efficiency: N/A
Efficacy: 31.6 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	90			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74			
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68			
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	65	63			
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59			
7	79	69	62	57	78	68	62	57	67	61	57	66	60	57	64	60	56	55			
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51			
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	126306
5°	119084
10°	101802
15°	81590
20°	63589
25°	47809
30°	34891
35°	24574
40°	16860
45°	12063
50°	9859
55°	9558
60°	9648
65°	9858
70°	10258
75°	11014
80°	11365
85°	12580

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13440 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.0	12.6
10°-20°	99.9	25.7
20°-30°	91.0	23.4
30°-40°	57.9	14.9
40°-50°	31.0	8.0
50°-60°	22.7	5.8
60°-70°	19.1	4.9
70°-80°	13.3	3.4
80°-90°	5.3	1.4
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°	239.8	61.6
0°-40°	297.7	76.5
0°-60°	351.4	90.3
0°-90°	389.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	389.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	576	
5°	541	49
15°	359	100
25°	198	91
35°	92	58
45°	39	31
55°	25	23
65°	19	19
75°	13	13
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	576.0
2.5°	567.0
5°	541.0
7.5°	503.1
10°	457.2
12.5°	408.3
15°	359.4
17.5°	314.4
20°	272.5
22.5°	233.6
25°	197.6
27.5°	165.7
30°	137.8
32.5°	111.8
35°	91.8
37.5°	72.9
40°	58.9
42.5°	46.9
45°	38.9
47.5°	31.9
50°	28.9
52.5°	27.0
55°	25.0
57.5°	24.0
60°	22.0
62.5°	21.0
65°	19.0
67.5°	18.0
70°	16.0
72.5°	14.0
75°	13.0
77.5°	11.0
80°	9.0
82.5°	8.0
85°	5.0
87.5°	2.0
90°	0.0

(END OF REPORT)