

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: P1269838

Luminaire Tested: P3A13R309740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269838
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: P3A13R309740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

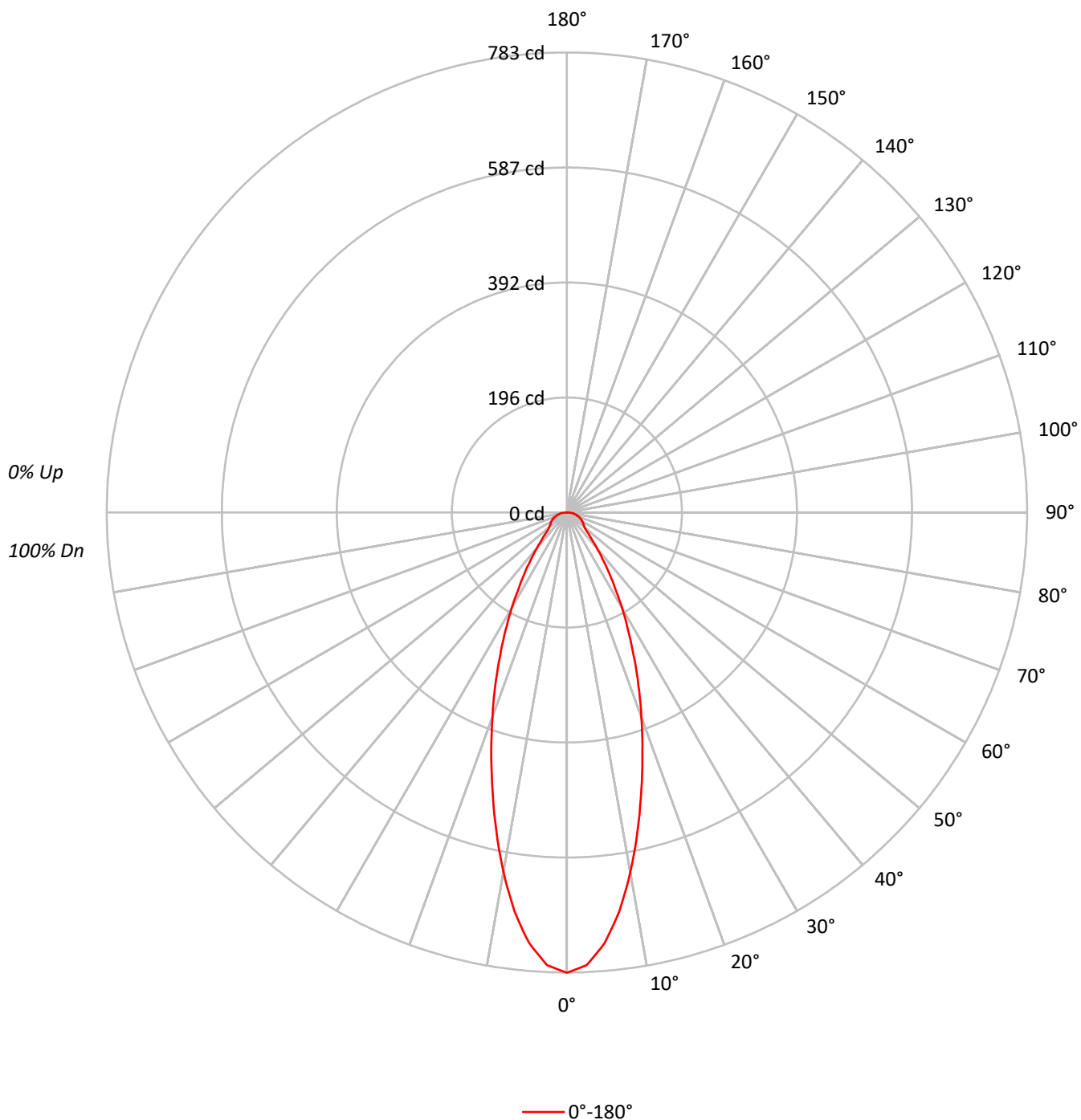
Lumens per Lamp: N/A
Luminaire Lumens: 529.0 lumens
Efficiency: N/A
Efficacy: 36.2 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	76	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	58	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	171763
5°	161963
10°	138430
15°	110943
20°	86481
25°	65036
30°	47425
35°	33435
40°	22929
45°	16405
50°	13441
55°	12960
60°	13113
65°	13387
70°	13913
75°	14911
80°	15406
85°	17109

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 18312 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.6	12.6
10°-20°	135.8	25.7
20°-30°	123.7	23.4
30°-40°	78.7	14.9
40°-50°	42.1	8.0
50°-60°	30.8	5.8
60°-70°	25.9	4.9
70°-80°	18.1	3.4
80°-90°	7.2	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°	326.1	61.6
0°-40°	404.8	76.5
0°-60°	477.8	90.3
0°-90°	529.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	529.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	783	
5°	736	67
15°	489	136
25°	269	124
35°	125	79
45°	53	42
55°	34	31
65°	26	26
75°	18	18
85°	7	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	783.3
2.5°	771.1
5°	735.8
7.5°	684.2
10°	621.7
12.5°	555.2
15°	488.7
17.5°	427.6
20°	370.6
22.5°	317.7
25°	268.8
27.5°	225.3
30°	187.3
32.5°	152.0
35°	124.9
37.5°	99.1
40°	80.1
42.5°	63.8
45°	52.9
47.5°	43.4
50°	39.4
52.5°	36.7
55°	33.9
57.5°	32.6
60°	29.9
62.5°	28.5
65°	25.8
67.5°	24.4
70°	21.7
72.5°	19.0
75°	17.6
77.5°	14.9
80°	12.2
82.5°	10.9
85°	6.8
87.5°	2.7
90°	0.0

(END OF REPORT)