

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: P1265080

Luminaire Tested: P3A13R309730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265080
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: P3A13R309730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

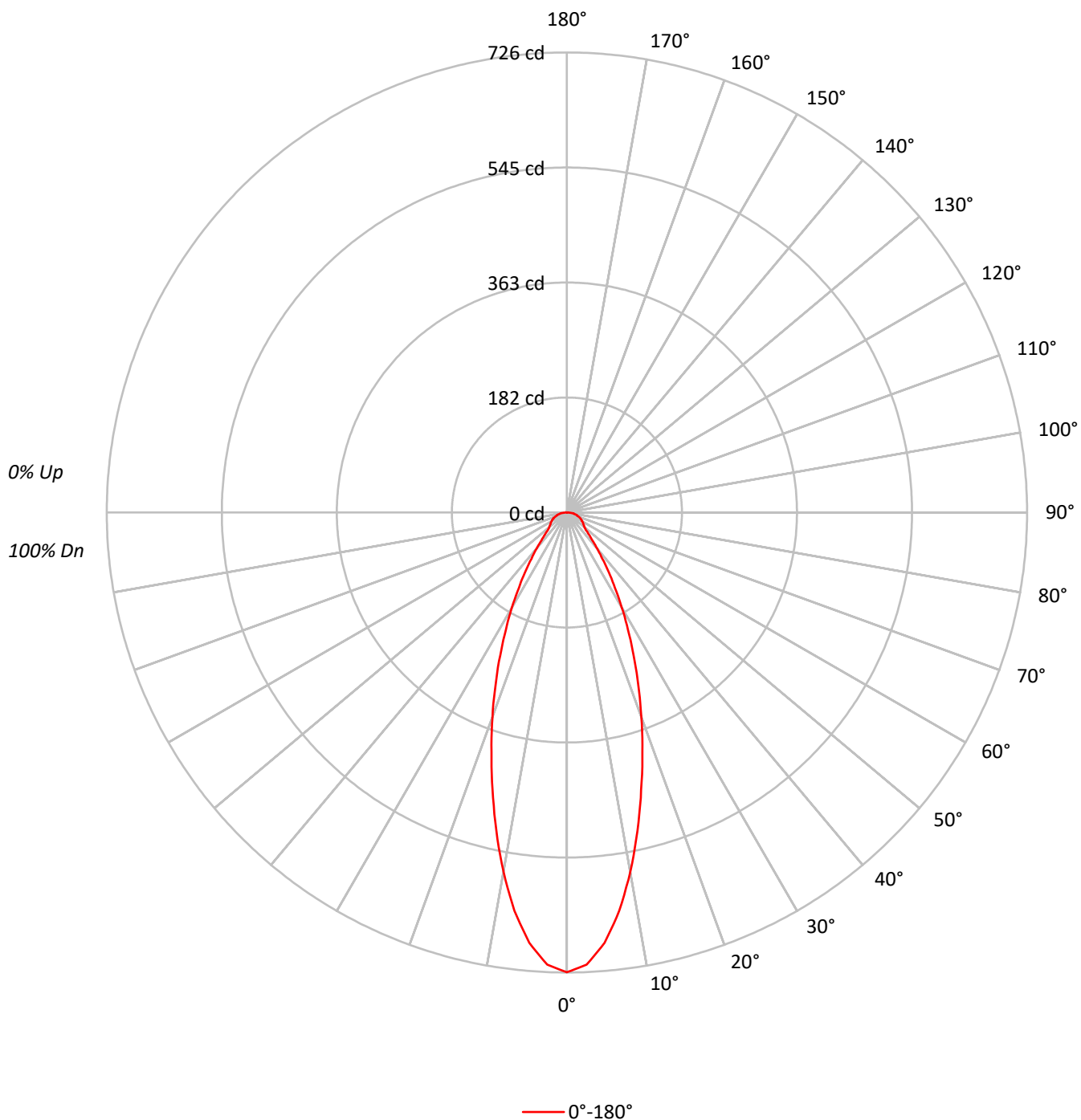
Lumens per Lamp: N/A
Luminaire Lumens: 490.0 lumens
Efficiency: N/A
Efficacy: 33.6 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1265080

CATALOG NUMBER: P3A13R309730DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1265080

CATALOG NUMBER: P3A13R309730DE010 E3PHLP1MW

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°	159088
5°	150011
10°	128232
15°	102770
20°	80110
25°	60245
30°	43931
35°	30972
40°	21240
45°	15195
50°	12452
55°	12004
60°	12148
65°	12401
70°	12887
75°	13810
80°	14269
85°	15851

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 16968 cd/sqm

TEST NUMBER: P1265080

CATALOG NUMBER: P3A13R309730DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.7	12.6
10°-20°	125.8	25.7
20°-30°	114.6	23.4
30°-40°	72.9	14.9
40°-50°	39.0	8.0
50°-60°	28.6	5.8
60°-70°	24.0	4.9
70°-80°	16.7	3.4
80°-90°	6.7	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°	302.1	61.6
0°-40°	375.0	76.5
0°-60°	442.6	90.3
0°-90°	490.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	490.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	726	
5°	682	62
15°	453	126
25°	249	115
35°	116	73
45°	49	39
55°	31	29
65°	24	24
75°	16	17
85°	6	7
90°	0	

TEST NUMBER: P1265080

CATALOG NUMBER: P3A13R309730DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	725.5
2.5°	714.2
5°	681.5
7.5°	633.7
10°	575.9
12.5°	514.3
15°	452.7
17.5°	396.1
20°	343.3
22.5°	294.2
25°	249.0
27.5°	208.7
30°	173.5
32.5°	140.8
35°	115.7
37.5°	91.8
40°	74.2
42.5°	59.1
45°	49.0
47.5°	40.2
50°	36.5
52.5°	34.0
55°	31.4
57.5°	30.2
60°	27.7
62.5°	26.4
65°	23.9
67.5°	22.6
70°	20.1
72.5°	17.6
75°	16.3
77.5°	13.8
80°	11.3
82.5°	10.1
85°	6.3
87.5°	2.5
90°	0.0

(END OF REPORT)