

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: P1267427

Luminaire Tested: P3A13R259735DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267427
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259735DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

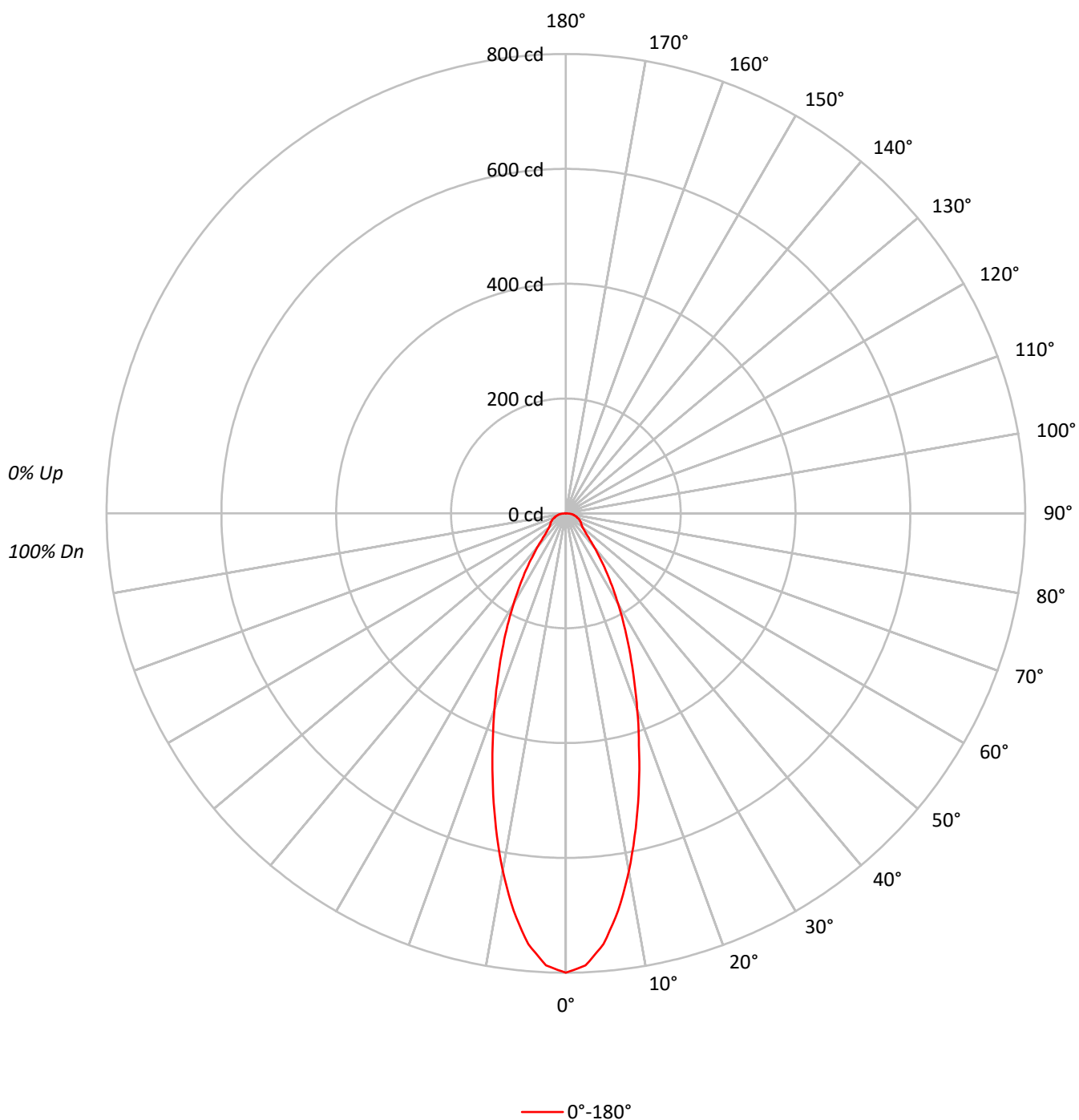
Lumens per Lamp: N/A
Luminaire Lumens: 522.0 lumens
Efficiency: N/A
Efficacy: 35.8 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1267427

CATALOG NUMBER: P3A13R259735DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1267427

CATALOG NUMBER: P3A13R259735DE010 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	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	175403
5°	165705
10°	140857
15°	111556
20°	84777
25°	63246
30°	46007
35°	32525
40°	22070
45°	15412
50°	12929
55°	12501
60°	13201
65°	13542
70°	13400
75°	14403
80°	16543
85°	16354

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 17640 cd/sqm

TEST NUMBER: P1267427

CATALOG NUMBER: P3A13R259735DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.0	13.0
10°-20°	136.0	26.1
20°-30°	120.4	23.1
30°-40°	76.7	14.7
40°-50°	40.6	7.8
50°-60°	29.9	5.7
60°-70°	25.4	4.9
70°-80°	18.0	3.4
80°-90°	7.1	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°	324.4	62.1
0°-40°	401.1	76.8
0°-60°	471.6	90.3
0°-90°	522.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	522.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	800	
5°	753	68
15°	491	136
25°	261	120
35°	122	77
45°	50	41
55°	33	30
65°	26	25
75°	17	18
85°	6	7
90°	0	

TEST NUMBER: P1267427

CATALOG NUMBER: P3A13R259735DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	799.9
2.5°	788.1
5°	752.8
7.5°	697.9
10°	632.6
12.5°	562.0
15°	491.4
17.5°	423.5
20°	363.3
22.5°	308.4
25°	261.4
27.5°	219.6
30°	181.7
32.5°	149.0
35°	121.5
37.5°	96.7
40°	77.1
42.5°	61.4
45°	49.7
47.5°	43.1
50°	37.9
52.5°	35.3
55°	32.7
57.5°	31.4
60°	30.1
62.5°	27.4
65°	26.1
67.5°	23.5
70°	20.9
72.5°	19.6
75°	17.0
77.5°	14.4
80°	13.1
82.5°	10.5
85°	6.5
87.5°	2.6
90°	0.0

(END OF REPORT)