

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: P1246787

Luminaire Tested: P3A13R129024DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246787
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R129024DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

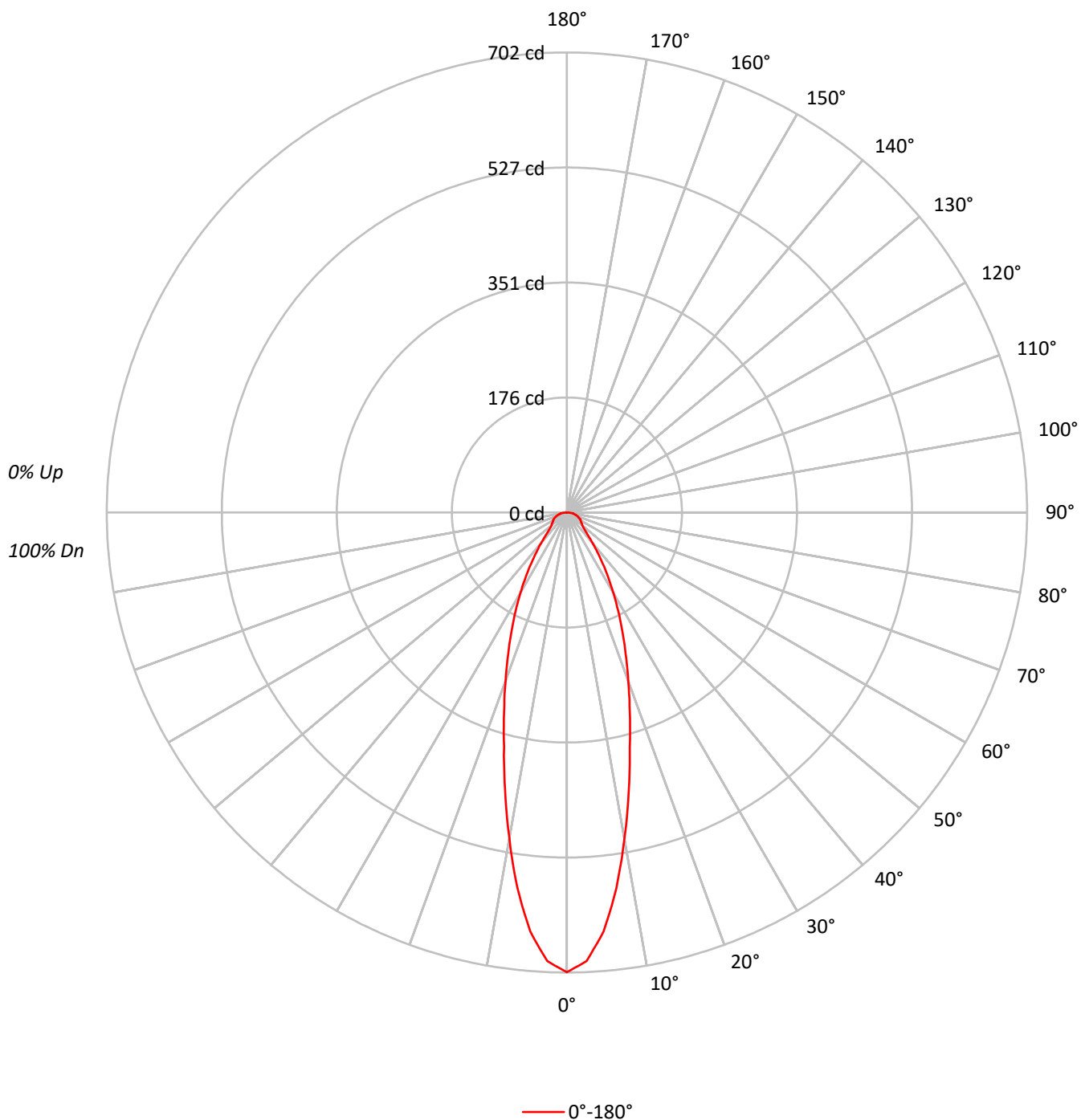
Lumens per Lamp: N/A
Luminaire Lumens: 411.0 lumens
Efficiency: N/A
Efficacy: 26.5 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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: P1246787

CATALOG NUMBER: P3A13R129024DE010 E3PHLP1MW

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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	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	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	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°	153825
5°	141250
10°	112556
15°	84109
20°	63869
25°	48366
30°	35778
35°	25565
40°	17490
45°	12249
50°	10439
55°	10208
60°	10613
65°	11207
70°	11412
75°	11861
80°	12880
85°	12831

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 14952 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.8	13.8
10°-20°	103.9	25.3
20°-30°	92.1	22.4
30°-40°	60.3	14.7
40°-50°	32.2	7.8
50°-60°	24.4	5.9
60°-70°	21.0	5.1
70°-80°	14.5	3.5
80°-90°	5.9	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°	252.8	61.5
0°-40°	313.1	76.2
0°-60°	369.7	90.0
0°-90°	411.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	411.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	702	
5°	642	57
15°	370	104
25°	200	92
35°	96	60
45°	40	32
55°	27	24
65°	22	21
75°	14	14
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	701.5
2.5°	685.0
5°	641.7
7.5°	578.0
10°	505.5
12.5°	435.4
15°	370.5
17.5°	318.3
20°	273.7
22.5°	234.3
25°	199.9
27.5°	169.3
30°	141.3
32.5°	117.1
35°	95.5
37.5°	76.4
40°	61.1
42.5°	48.4
45°	39.5
47.5°	34.4
50°	30.6
52.5°	29.3
55°	26.7
57.5°	25.5
60°	24.2
62.5°	22.9
65°	21.6
67.5°	19.1
70°	17.8
72.5°	15.3
75°	14.0
77.5°	11.5
80°	10.2
82.5°	8.9
85°	5.1
87.5°	2.5
90°	0.0

(END OF REPORT)