

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: P1268926

Luminaire Tested: P3A05R129740DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268926
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R129740DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

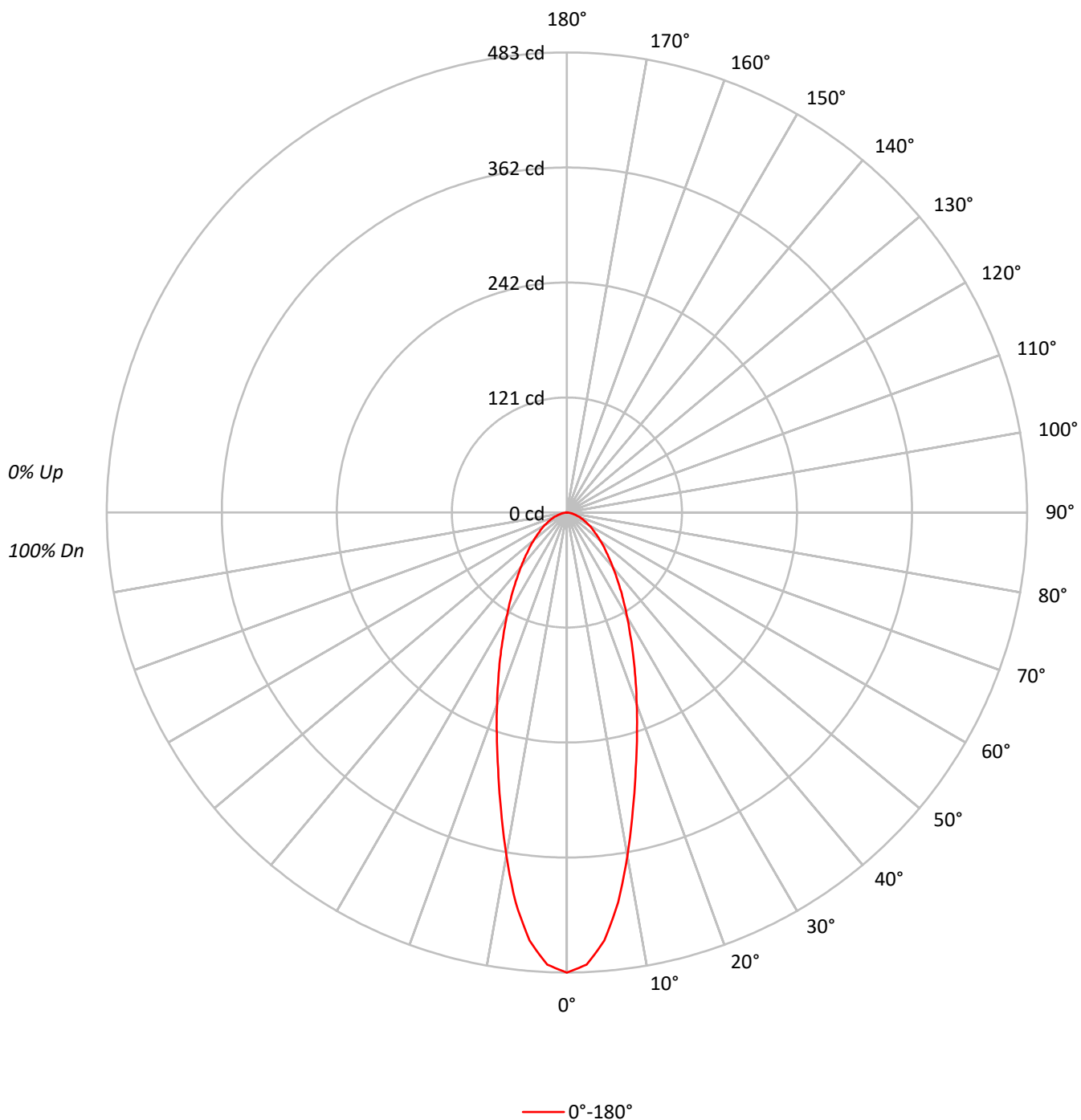
Lumens per Lamp: N/A
Luminaire Lumens: 364.0 lumens
Efficiency: N/A
Efficacy: 47.9 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.6
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
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	95		95	93	92	90
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87	85	82	80
3	98	90	83	79	96	88	83	78	85	81	77		83	79	75		81	77	74	72
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75	71	67	66
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70	65	62	60
6	81	70	63	58	79	70	63	58	68	62	58		67	61	57		65	60	57	55
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61	56	53	51
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58	53	49	47
9	69	58	51	46	68	57	51	46	56	50	46		55	50	46		54	49	46	44
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52	47	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	105934
5°	99295
10°	81428
15°	63269
20°	49938
25°	39801
30°	31954
35°	26073
40°	21497
45°	18079
50°	15522
55°	13419
60°	11885
65°	10377
70°	9232
75°	7456
80°	6061
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18079 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.3	11.1
10°-20°	78.1	21.4
20°-30°	75.9	20.8
30°-40°	61.3	16.8
40°-50°	45.5	12.5
50°-60°	31.8	8.7
60°-70°	20.0	5.5
70°-80°	9.5	2.6
80°-90°	1.7	0.5
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°	194.2	53.4
0°-40°	255.5	70.2
0°-60°	332.9	91.4
0°-90°	364.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	364.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	483	
5°	451	40
15°	279	78
25°	164	76
35°	97	61
45°	58	46
55°	35	32
65°	20	20
75°	9	9
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	483.1
2.5°	475.1
5°	451.1
7.5°	412.8
10°	365.7
12.5°	319.4
15°	278.7
17.5°	244.3
20°	214.0
22.5°	187.6
25°	164.5
27.5°	143.7
30°	126.2
32.5°	111.0
35°	97.4
37.5°	85.4
40°	75.1
42.5°	66.3
45°	58.3
47.5°	51.9
50°	45.5
52.5°	39.9
55°	35.1
57.5°	31.1
60°	27.1
62.5°	23.2
65°	20.0
67.5°	16.8
70°	14.4
72.5°	11.2
75°	8.8
77.5°	6.4
80°	4.8
82.5°	2.4
85°	1.6
87.5°	0.0
90°	0.0

(END OF REPORT)