

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: P1264135

Luminaire Tested: P3A05R109730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264135
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: P3A05R109730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

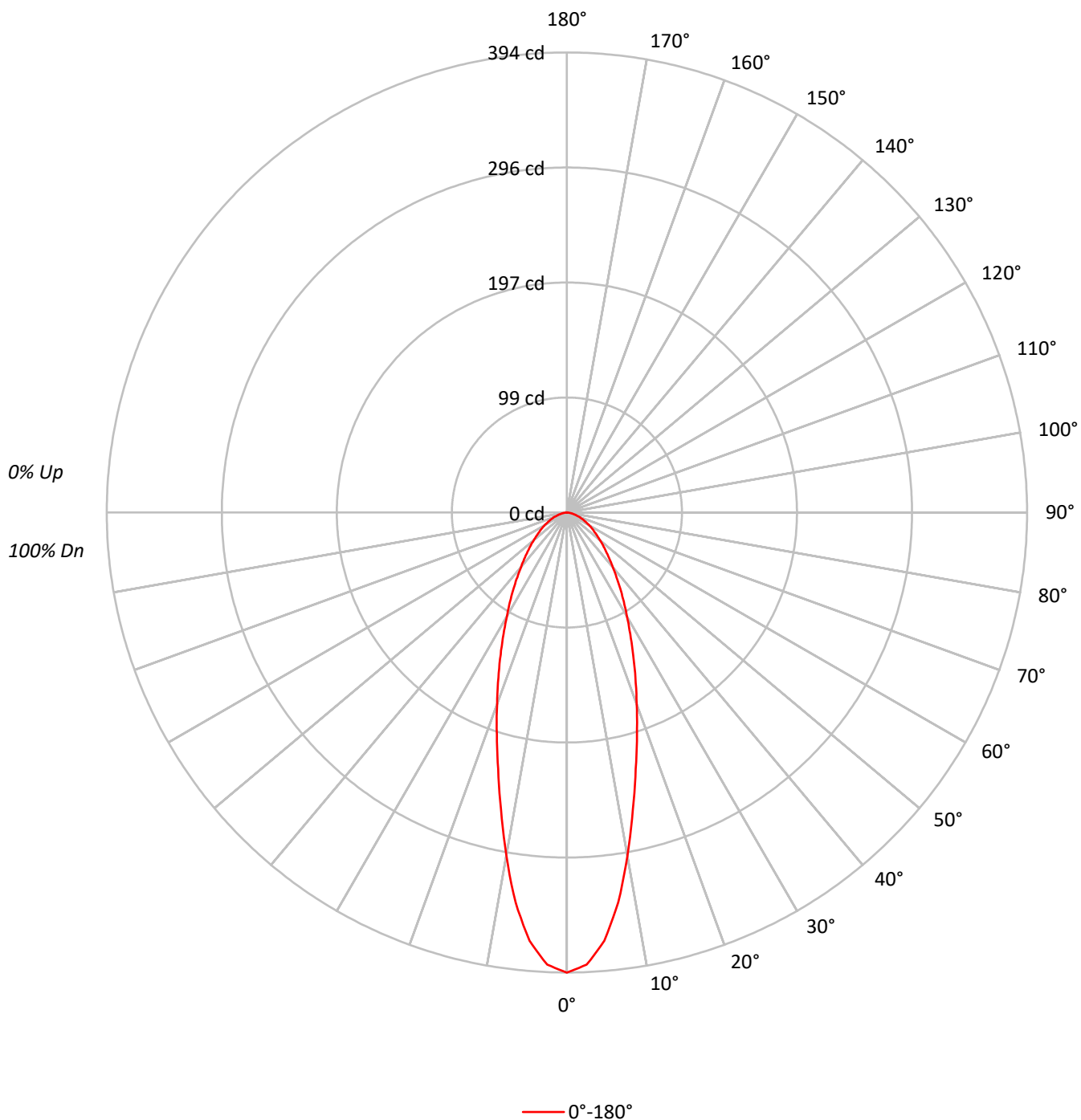
Lumens per Lamp: N/A
Luminaire Lumens: 297.0 lumens
Efficiency: N/A
Efficacy: 37.6 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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: P1264135

CATALOG NUMBER: P3A05R109730DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1264135

CATALOG NUMBER: P3A05R109730DE010 E3PHLD1MW

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	86419
5°	81026
10°	66443
15°	51623
20°	40744
25°	32470
30°	26055
35°	21282
40°	17519
45°	14761
50°	12656
55°	10972
60°	9736
65°	8457
70°	7501
75°	6100
80°	4925
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14761 cd/sqm

TEST NUMBER: P1264135

CATALOG NUMBER: P3A05R109730DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.9	11.1
10°-20°	63.7	21.4
20°-30°	61.9	20.8
30°-40°	50.0	16.8
40°-50°	37.1	12.5
50°-60°	26.0	8.7
60°-70°	16.3	5.5
70°-80°	7.7	2.6
80°-90°	1.4	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°	158.5	53.4
0°-40°	208.5	70.2
0°-60°	271.6	91.4
0°-90°	297.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	297.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	394	
5°	368	33
15°	227	64
25°	134	62
35°	80	50
45°	48	37
55°	29	26
65°	16	16
75°	7	8
85°	1	1
90°	0	

TEST NUMBER: P1264135

CATALOG NUMBER: P3A05R109730DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	394.1
2.5°	387.6
5°	368.1
7.5°	336.8
10°	298.4
12.5°	260.6
15°	227.4
17.5°	199.4
20°	174.6
22.5°	153.1
25°	134.2
27.5°	117.3
30°	102.9
32.5°	90.6
35°	79.5
37.5°	69.7
40°	61.2
42.5°	54.1
45°	47.6
47.5°	42.3
50°	37.1
52.5°	32.6
55°	28.7
57.5°	25.4
60°	22.2
62.5°	18.9
65°	16.3
67.5°	13.7
70°	11.7
72.5°	9.1
75°	7.2
77.5°	5.2
80°	3.9
82.5°	2.0
85°	1.3
87.5°	0.0
90°	0.0

(END OF REPORT)