

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: P1264304

Luminaire Tested: P3A05R359730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264304
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R359730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

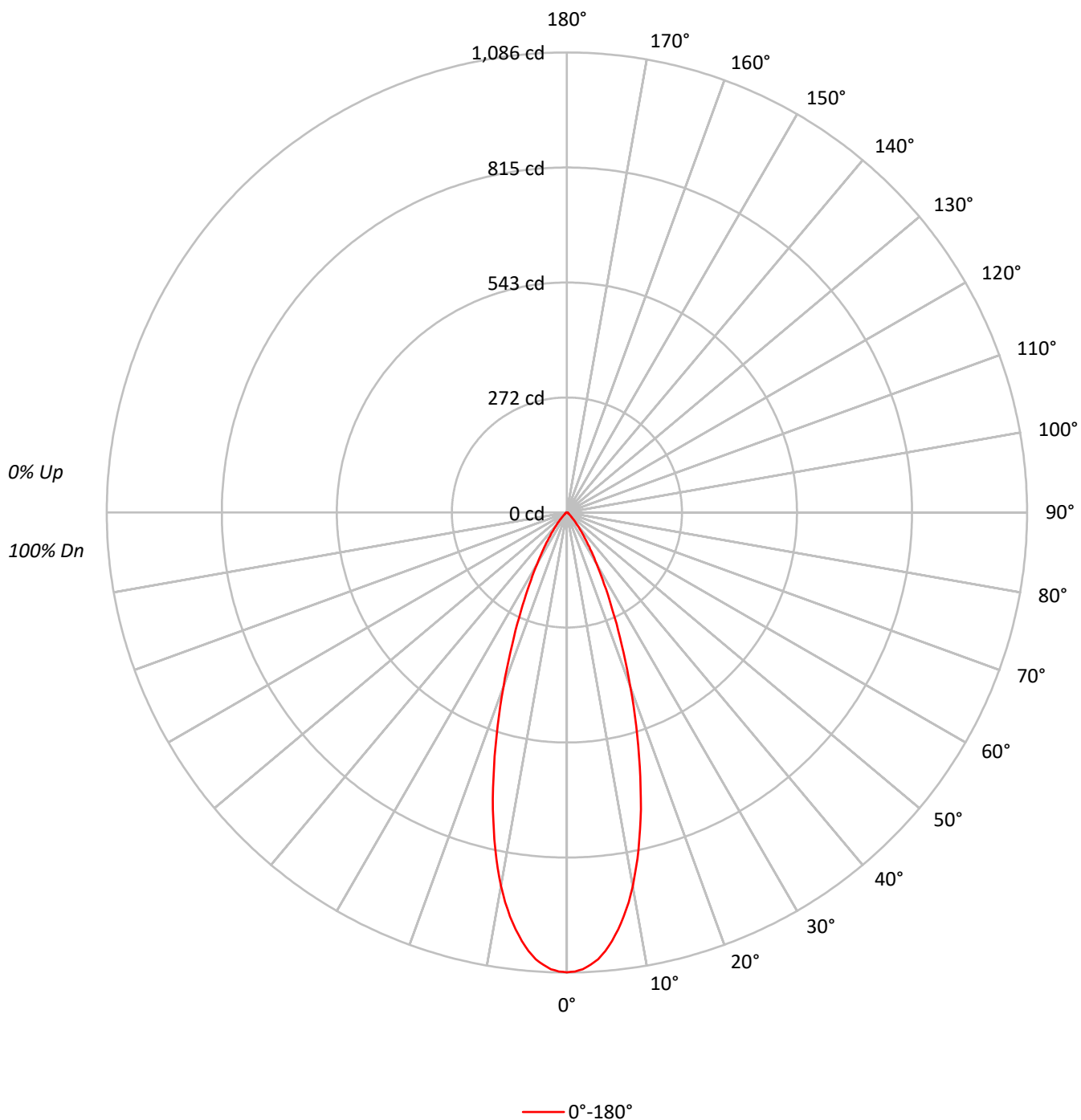
Lumens per Lamp: N/A
Luminaire Lumens: 471.9 lumens
Efficiency: N/A
Efficacy: 65.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1264304

CATALOG NUMBER: P3A05R359730DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1264304

CATALOG NUMBER: P3A05R359730DE010 E3DL1WMH

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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	78	75		80
7	89	81	76	72	88	80	75	72	79	75	72		78	74	71		77
8	85	77	72	69	84	77	72	69	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	238051
5°	228791
10°	199351
15°	152691
20°	102162
25°	61818
30°	35474
35°	19836
40°	10534
45°	5427
50°	2593
55°	2064
60°	1974
65°	1608
70°	1731
75°	1525
80°	1642
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5427 cd/sqm

TEST NUMBER: P1264304

CATALOG NUMBER: P3A05R359730DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.6	20.0
10°-20°	183.3	38.8
20°-30°	120.0	25.4
30°-40°	48.7	10.3
40°-50°	14.6	3.1
50°-60°	4.9	1.0
60°-70°	3.3	0.7
70°-80°	1.9	0.4
80°-90°	0.6	0.1
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°	397.8	84.3
0°-40°	446.5	94.6
0°-60°	466.0	98.8
0°-90°	471.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	471.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1086	
5°	1039	95
15°	673	183
25°	256	120
35°	74	49
45°	18	15
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1264304

CATALOG NUMBER: P3A05R359730DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1085.6
1°	1083.8
2°	1078.9
3°	1069.0
4°	1057.3
5°	1039.4
6°	1016.9
7°	991.8
8°	963.5
9°	931.2
10°	895.3
11°	855.3
12°	813.5
13°	766.9
14°	722.4
15°	672.6
17.5°	551.8
20°	437.8
22.5°	336.7
25°	255.5
27.5°	190.4
30°	140.1
32.5°	102.8
35°	74.1
37.5°	52.5
40°	36.8
42.5°	25.6
45°	17.5
47.5°	11.7
50°	7.6
52.5°	5.8
55°	5.4
57.5°	4.9
60°	4.5
62.5°	4.0
65°	3.1
67.5°	2.7
70°	2.7
72.5°	2.2
75°	1.8
77.5°	1.3
80°	1.3
82.5°	0.9
85°	0.4
87.5°	0.4



TEST NUMBER: P1264304
CATALOG NUMBER: P3A05R359730DE010 E3DL1WMH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)