

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: P1288061

Luminaire Tested: P3A05R15W2N902765DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288061
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: P3A05R15W2N902765DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

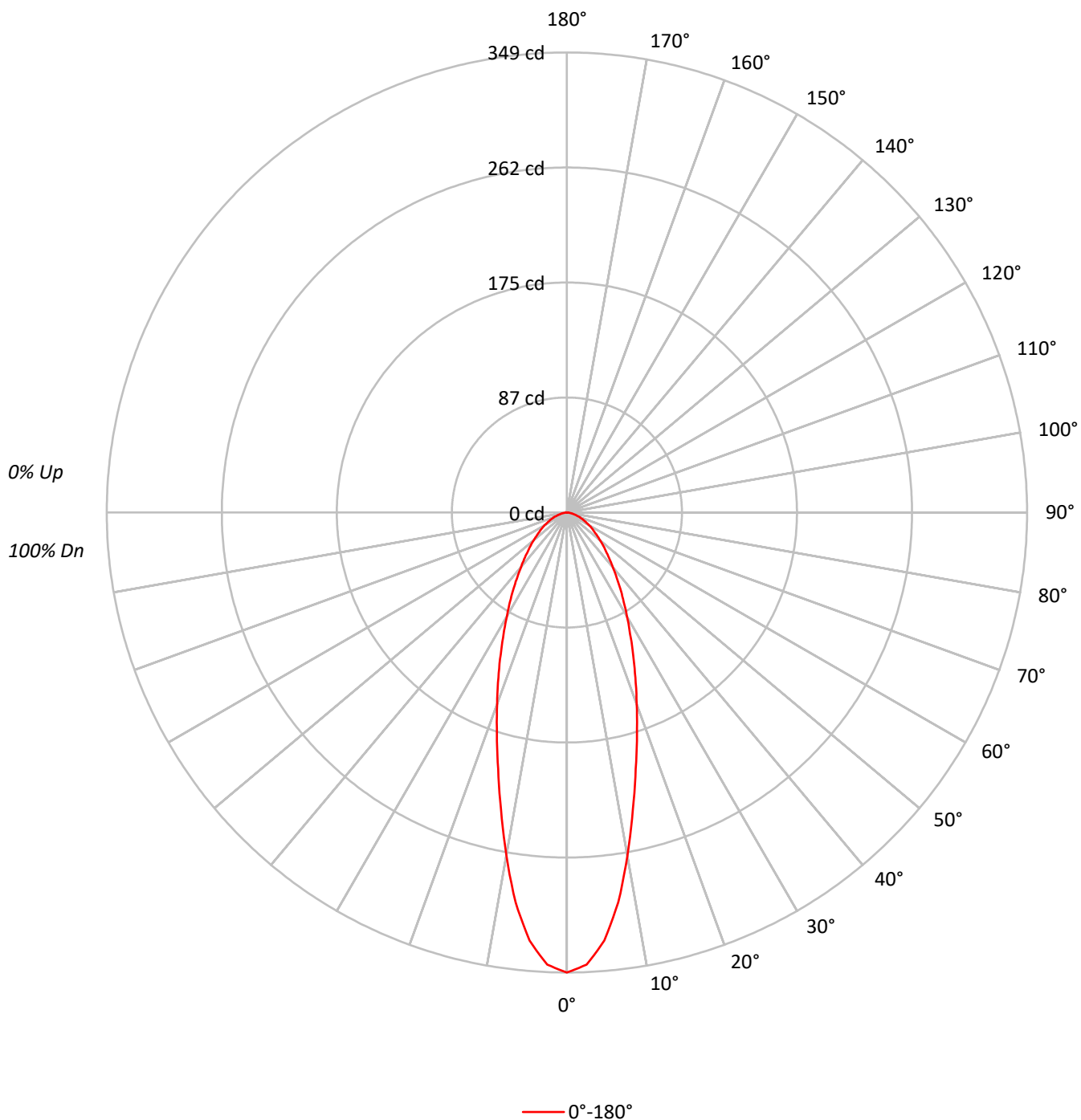
Lumens per Lamp: N/A
Luminaire Lumens: 263.0 lumens
Efficiency: N/A
Efficacy: 44.6 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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: P1288061

CATALOG NUMBER: P3A05R15W2N902765DE010 E3PHLD1MW_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1288061

CATALOG NUMBER: P3A05R15W2N902765DE010 E3PHLD1MW_5000K

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	84	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	71	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	47	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°	76529
5°	71737
10°	58828
15°	45698
20°	36076
25°	28744
30°	23067
35°	18846
40°	15515
45°	13056
50°	11224
55°	9711
60°	8596
65°	7472
70°	6668
75°	5338
80°	4420
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13056 cd/sqm

TEST NUMBER: P1288061

CATALOG NUMBER: P3A05R15W2N902765DE010 E3PHLD1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.1	11.1
10°-20°	56.4	21.4
20°-30°	54.8	20.8
30°-40°	44.3	16.8
40°-50°	32.9	12.5
50°-60°	23.0	8.7
60°-70°	14.4	5.5
70°-80°	6.8	2.6
80°-90°	1.3	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°	140.3	53.4
0°-40°	184.6	70.2
0°-60°	240.5	91.4
0°-90°	263.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	263.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	349	
5°	326	29
15°	201	56
25°	119	55
35°	70	44
45°	42	33
55°	25	23
65°	14	14
75°	6	7
85°	1	1
90°	0	

TEST NUMBER: P1288061

CATALOG NUMBER: P3A05R15W2N902765DE010 E3PHLD1MW_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	349.0
2.5°	343.3
5°	325.9
7.5°	298.3
10°	264.2
12.5°	230.8
15°	201.3
17.5°	176.5
20°	154.6
22.5°	135.6
25°	118.8
27.5°	103.8
30°	91.1
32.5°	80.2
35°	70.4
37.5°	61.7
40°	54.2
42.5°	47.9
45°	42.1
47.5°	37.5
50°	32.9
52.5°	28.8
55°	25.4
57.5°	22.5
60°	19.6
62.5°	16.7
65°	14.4
67.5°	12.1
70°	10.4
72.5°	8.1
75°	6.3
77.5°	4.6
80°	3.5
82.5°	1.7
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)