

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: P1287867

Luminaire Tested: P3A05R15W2N902750DE010 E3PHLD1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287867
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: P3A05R15W2N902750DE010 E3PHLD1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

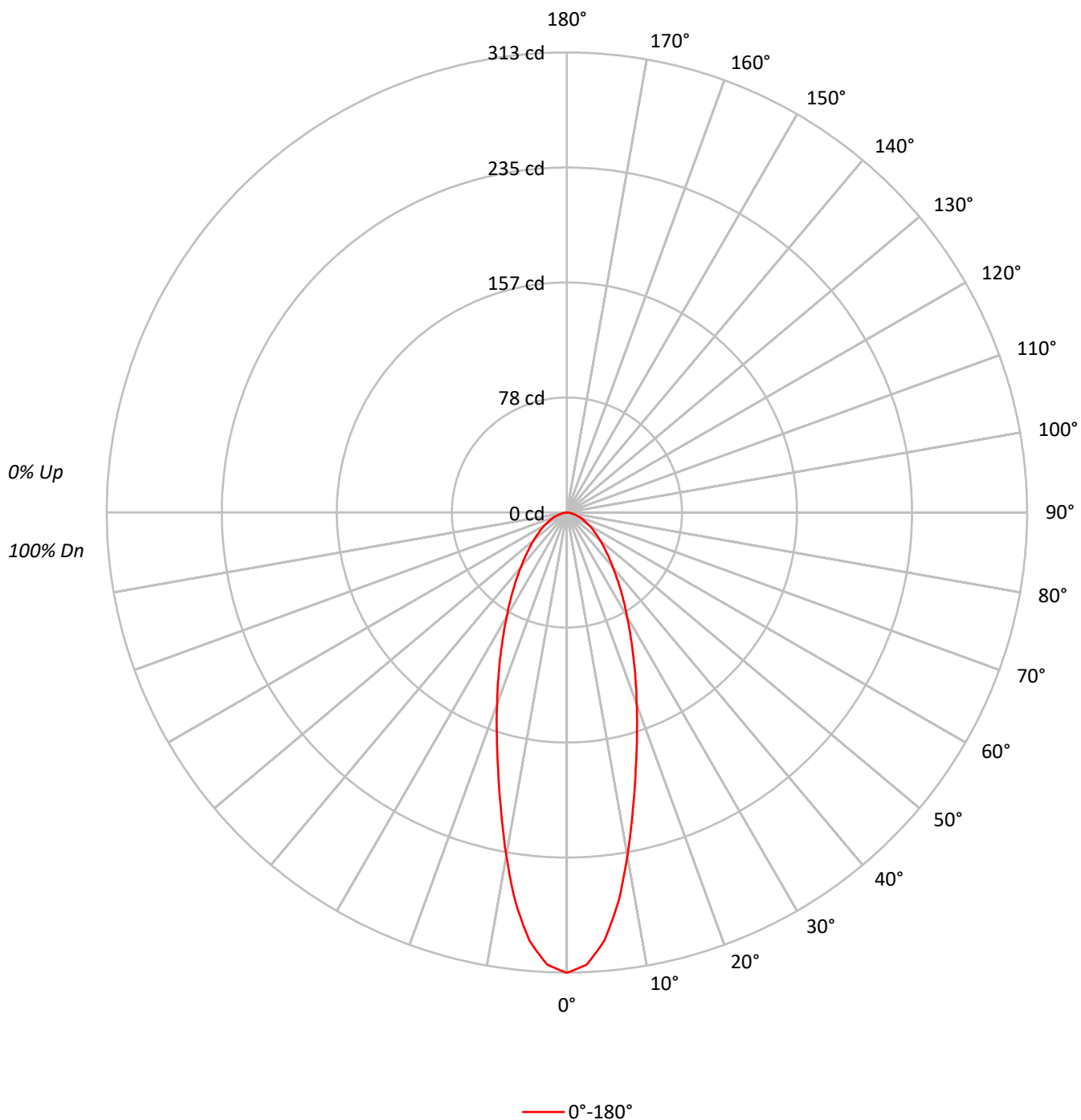
Lumens per Lamp: N/A
Luminaire Lumens: 236.0 lumens
Efficiency: N/A
Efficacy: 40.0 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1287867

CATALOG NUMBER: P3A05R15W2N902750DE010 E3PHLD1MW_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1287867

CATALOG NUMBER: P3A05R15W2N902750DE010 E3PHLD1MW_2700K

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	84	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	71	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	47	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°	68679
5°	64385
10°	52794
15°	41022
20°	32366
25°	25792
30°	20712
35°	16918
40°	13940
45°	11722
50°	10064
55°	8717
60°	7719
65°	6693
70°	5963
75°	4829
80°	3915
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11722 cd/sqm

TEST NUMBER: P1287867

CATALOG NUMBER: P3A05R15W2N902750DE010 E3PHLD1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.1	11.1
10°-20°	50.6	21.4
20°-30°	49.2	20.8
30°-40°	39.8	16.9
40°-50°	29.5	12.5
50°-60°	20.6	8.7
60°-70°	12.9	5.5
70°-80°	6.1	2.6
80°-90°	1.1	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°	125.9	53.4
0°-40°	165.7	70.2
0°-60°	215.8	91.5
0°-90°	236.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	236.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	313	
5°	292	26
15°	181	51
25°	107	49
35°	63	40
45°	38	30
55°	23	21
65°	13	13
75°	6	6
85°	1	1
90°	0	

TEST NUMBER: P1287867

CATALOG NUMBER: P3A05R15W2N902750DE010 E3PHLD1MW_2700K

CANDELA DISTRIBUTION (FULL):

	0°
0°	313.2
2.5°	308.0
5°	292.5
7.5°	267.6
10°	237.1
12.5°	207.1
15°	180.7
17.5°	158.4
20°	138.7
22.5°	121.7
25°	106.6
27.5°	93.2
30°	81.8
32.5°	72.0
35°	63.2
37.5°	55.4
40°	48.7
42.5°	43.0
45°	37.8
47.5°	33.6
50°	29.5
52.5°	25.9
55°	22.8
57.5°	20.2
60°	17.6
62.5°	15.0
65°	12.9
67.5°	10.9
70°	9.3
72.5°	7.2
75°	5.7
77.5°	4.1
80°	3.1
82.5°	1.6
85°	1.0
87.5°	0.0
90°	0.0

(END OF REPORT)