

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: P1287836

Luminaire Tested: P3A05R15W2N902750DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287836
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R15W2N902750DE010 E3DLP1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

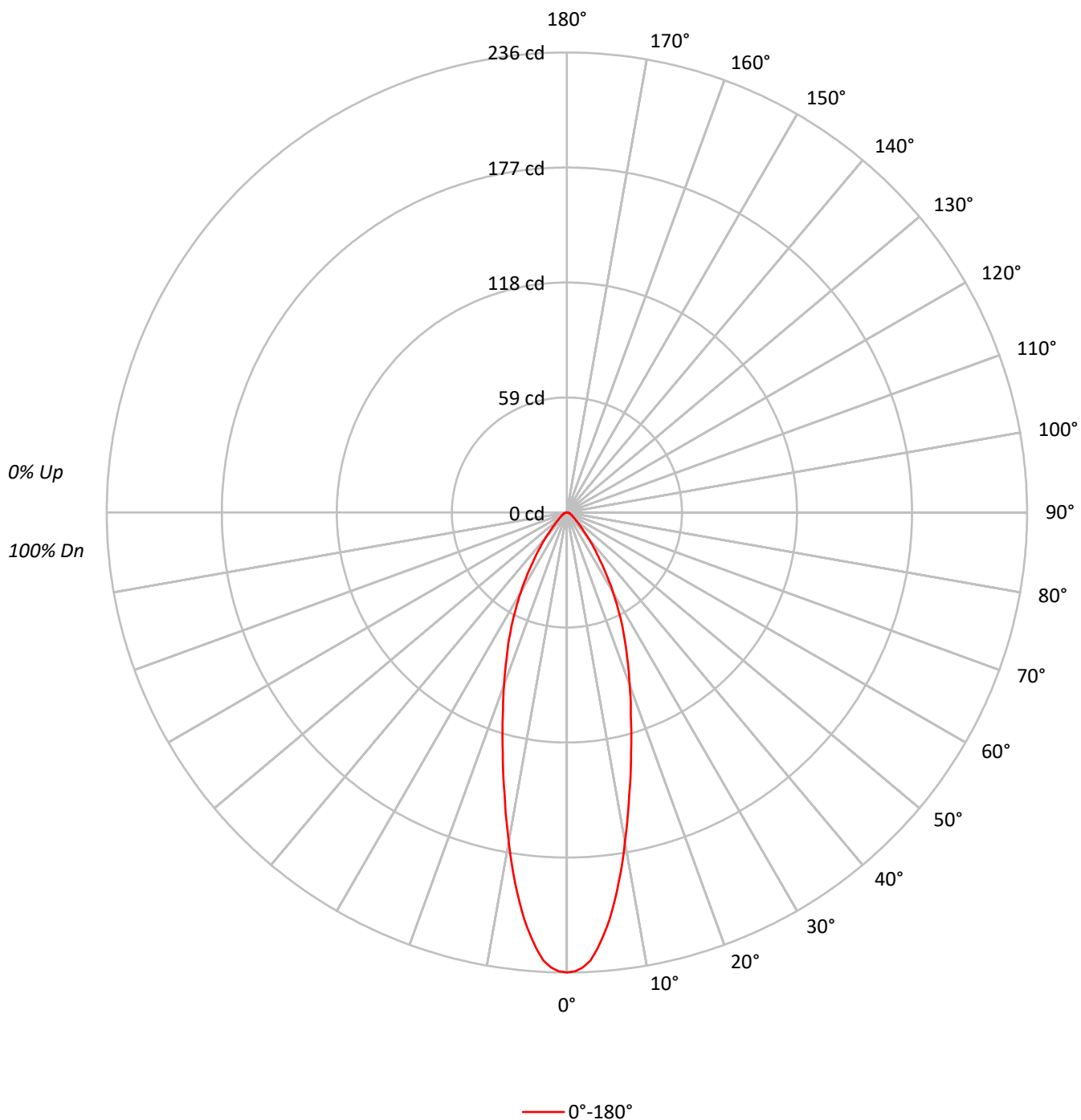
Lumens per Lamp: N/A
Luminaire Lumens: 120.0 lumens
Efficiency: N/A
Efficacy: 20.3 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1287836

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DLP1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1287836

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DLP1GPH_5000K

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	108	106		111	108	106	104		104	102	101		100	99	98		97	96	95
2	108	103	98	95		105	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	94	90	86		92	88	85		89	86	83		87	84	82
4	97	90	84	80		95	88	83	79		86	82	78		84	81	78		82	79	77
5	92	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		87	79	73	69		77	72	69		76	71	68		74	71	68
7	84	75	69	65		83	74	69	65		73	68	64		72	67	64		71	67	64
8	80	71	65	61		79	71	65	61		69	64	61		68	64	61		67	63	60
9	77	68	62	58		76	67	62	58		66	61	58		65	61	57		64	60	57
10	74	64	59	55		73	64	59	55		63	58	55		62	58	55		62	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	51750
5°	47832
10°	38187
15°	28854
20°	21959
25°	16743
30°	12002
35°	7817
40°	4809
45°	2915
50°	1944
55°	1491
60°	1272
65°	1090
70°	1026
75°	1017
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2915 cd/sqm

TEST NUMBER: P1287836

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DLP1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	16.0
10°-20°	35.5	29.6
20°-30°	31.6	26.3
30°-40°	18.7	15.6
40°-50°	7.7	6.4
50°-60°	3.6	3.0
60°-70°	2.2	1.8
70°-80°	1.2	1.0
80°-90°	0.3	0.2
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°	86.4	72.0
0°-40°	105.1	87.5
0°-60°	116.4	97.0
0°-90°	120.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	120.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	236	
5°	217	19
15°	127	36
25°	69	32
35°	29	19
45°	9	8
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1287836

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DLP1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	236.0
1°	235.4
2°	233.6
3°	230.1
4°	224.3
5°	217.3
6°	209.7
7°	200.7
8°	191.4
9°	181.8
10°	171.5
12.5°	147.9
15°	127.1
17.5°	109.1
20°	94.1
22.5°	80.9
25°	69.2
27.5°	57.9
30°	47.4
32.5°	37.8
35°	29.2
37.5°	22.4
40°	16.8
42.5°	12.5
45°	9.4
47.5°	7.2
50°	5.7
52.5°	4.7
55°	3.9
57.5°	3.3
60°	2.9
62.5°	2.5
65°	2.1
67.5°	1.9
70°	1.6
72.5°	1.4
75°	1.2
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)