

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: P1273242

Luminaire Tested: P3AS05R159830DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273242
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: P3AS05R159830DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

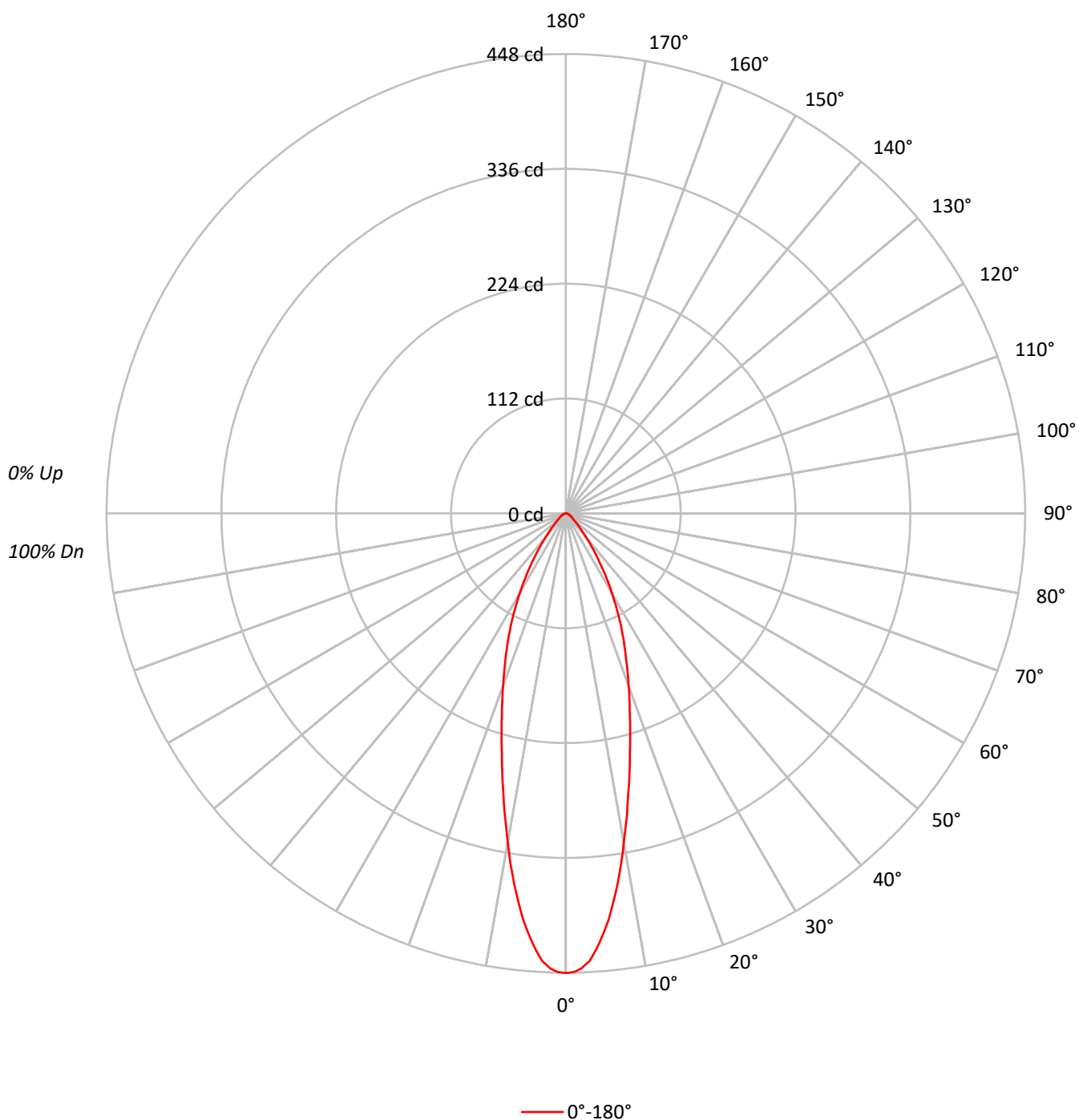
Lumens per Lamp: N/A
Luminaire Lumens: 228.0 lumens
Efficiency: N/A
Efficacy: 31.7 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1273242

CATALOG NUMBER: P3AS05R159830DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1273242

CATALOG NUMBER: P3AS05R159830DE010 E3DL1WH

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	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	98325
5°	90865
10°	72544
15°	54802
20°	41724
25°	31792
30°	22788
35°	14857
40°	9103
45°	5520
50°	3650
55°	2829
60°	2456
65°	2127
70°	1923
75°	1864
80°	1389
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5520 cd/sqm

TEST NUMBER: P1273242

CATALOG NUMBER: P3AS05R159830DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.6	16.0
10°-20°	67.5	29.6
20°-30°	60.1	26.3
30°-40°	35.5	15.6
40°-50°	14.6	6.4
50°-60°	6.9	3.0
60°-70°	4.2	1.8
70°-80°	2.2	1.0
80°-90°	0.6	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°	164.1	72.0
0°-40°	199.6	87.6
0°-60°	221.1	97.0
0°-90°	228.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	228.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	448	
5°	413	37
15°	241	67
25°	131	60
35°	56	36
45°	18	15
55°	7	7
65°	4	4
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1273242

CATALOG NUMBER: P3AS05R159830DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	448.4
1°	447.3
2°	443.9
3°	437.3
4°	426.2
5°	412.8
6°	398.4
7°	381.4
8°	363.6
9°	345.4
10°	325.8
12.5°	281.0
15°	241.4
17.5°	207.3
20°	178.8
22.5°	153.7
25°	131.4
27.5°	110.0
30°	90.0
32.5°	71.8
35°	55.5
37.5°	42.6
40°	31.8
42.5°	23.7
45°	17.8
47.5°	13.7
50°	10.7
52.5°	8.9
55°	7.4
57.5°	6.3
60°	5.6
62.5°	4.8
65°	4.1
67.5°	3.7
70°	3.0
72.5°	2.6
75°	2.2
77.5°	1.5
80°	1.1
82.5°	0.7
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)