

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: P1259316

Luminaire Tested: P3AS05R459050DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259316
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459050DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

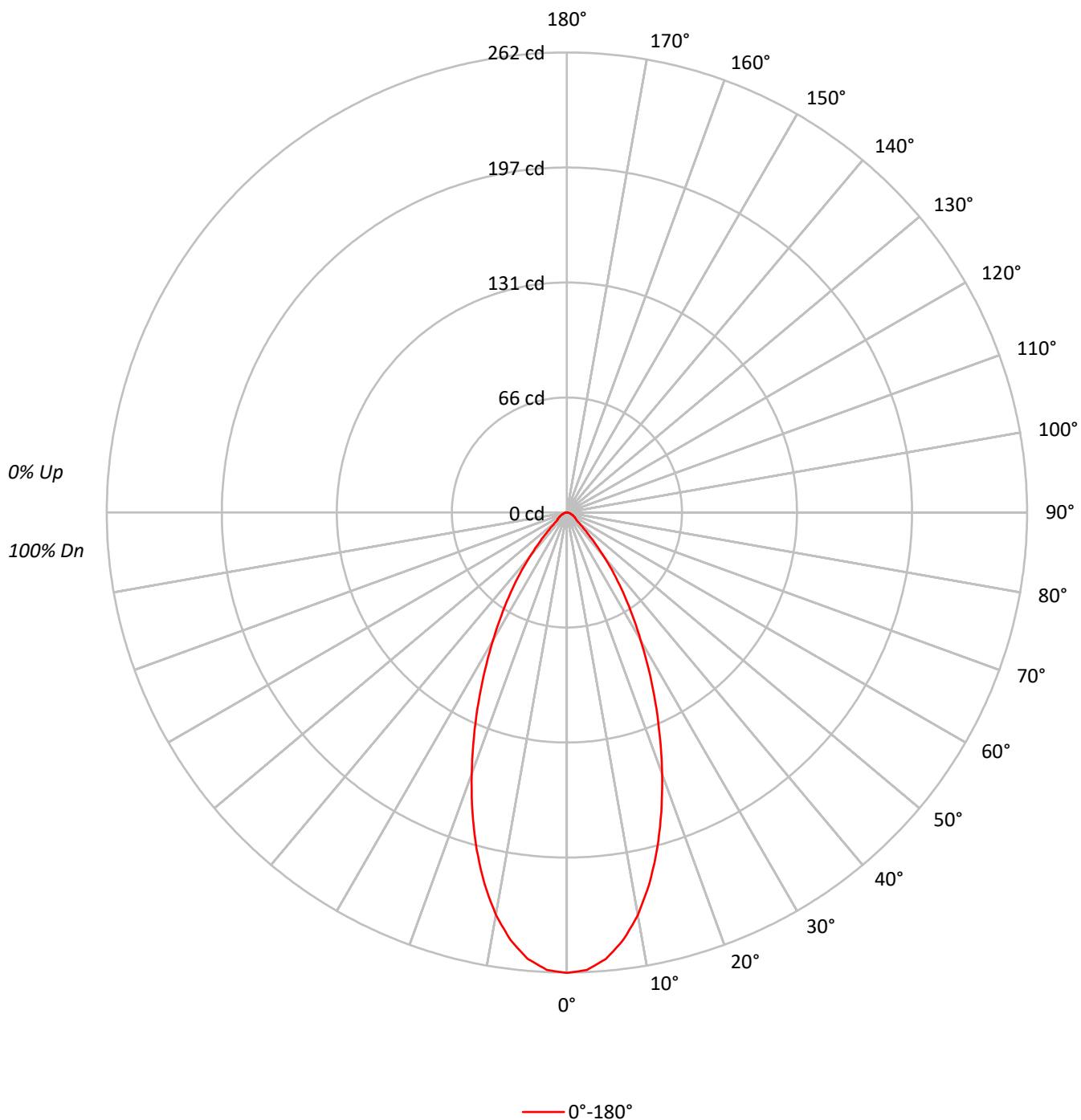
Lumens per Lamp: N/A
Luminaire Lumens: 193.0 lumens
Efficiency: N/A
Efficacy: 26.8 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1259316

CATALOG NUMBER: P3AS05R459050DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1259316

CATALOG NUMBER: P3AS05R459050DE010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	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		100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		86
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		79
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		74
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		69
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		64
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		60
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		56
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		53
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	57495
5°	56174
10°	51814
15°	45063
20°	37010
25°	28792
30°	21269
35°	14964
40°	9332
45°	5055
50°	2729
55°	2370
60°	2105
65°	1816
70°	1539
75°	1610
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5055 cd/sqm

TEST NUMBER: P1259316

CATALOG NUMBER: P3AS05R459050DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	12.2
10°-20°	54.9	28.4
20°-30°	54.5	28.2
30°-40°	35.1	18.2
40°-50°	13.5	7.0
50°-60°	5.5	2.9
60°-70°	3.5	1.8
70°-80°	1.9	1.0
80°-90°	0.6	0.3
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°	133.0	68.9
0°-40°	168.1	87.1
0°-60°	187.1	96.9
0°-90°	193.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	193.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	262	
5°	255	24
15°	198	55
25°	119	54
35°	56	35
45°	16	14
55°	6	6
65°	4	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1259316

CATALOG NUMBER: P3AS05R459050DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	262.2
2.5°	260.8
5°	255.2
7.5°	245.6
10°	232.7
12.5°	216.7
15°	198.5
17.5°	178.7
20°	158.6
22.5°	138.3
25°	119.0
27.5°	100.9
30°	84.0
32.5°	69.3
35°	55.9
37.5°	43.9
40°	32.6
42.5°	23.5
45°	16.3
47.5°	11.0
50°	8.0
52.5°	6.7
55°	6.2
57.5°	5.4
60°	4.8
62.5°	4.0
65°	3.5
67.5°	2.9
70°	2.4
72.5°	2.1
75°	1.9
77.5°	1.3
80°	1.1
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)