

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: P1264193

Luminaire Tested: P3A05R159730DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264193
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: P3A05R159730DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

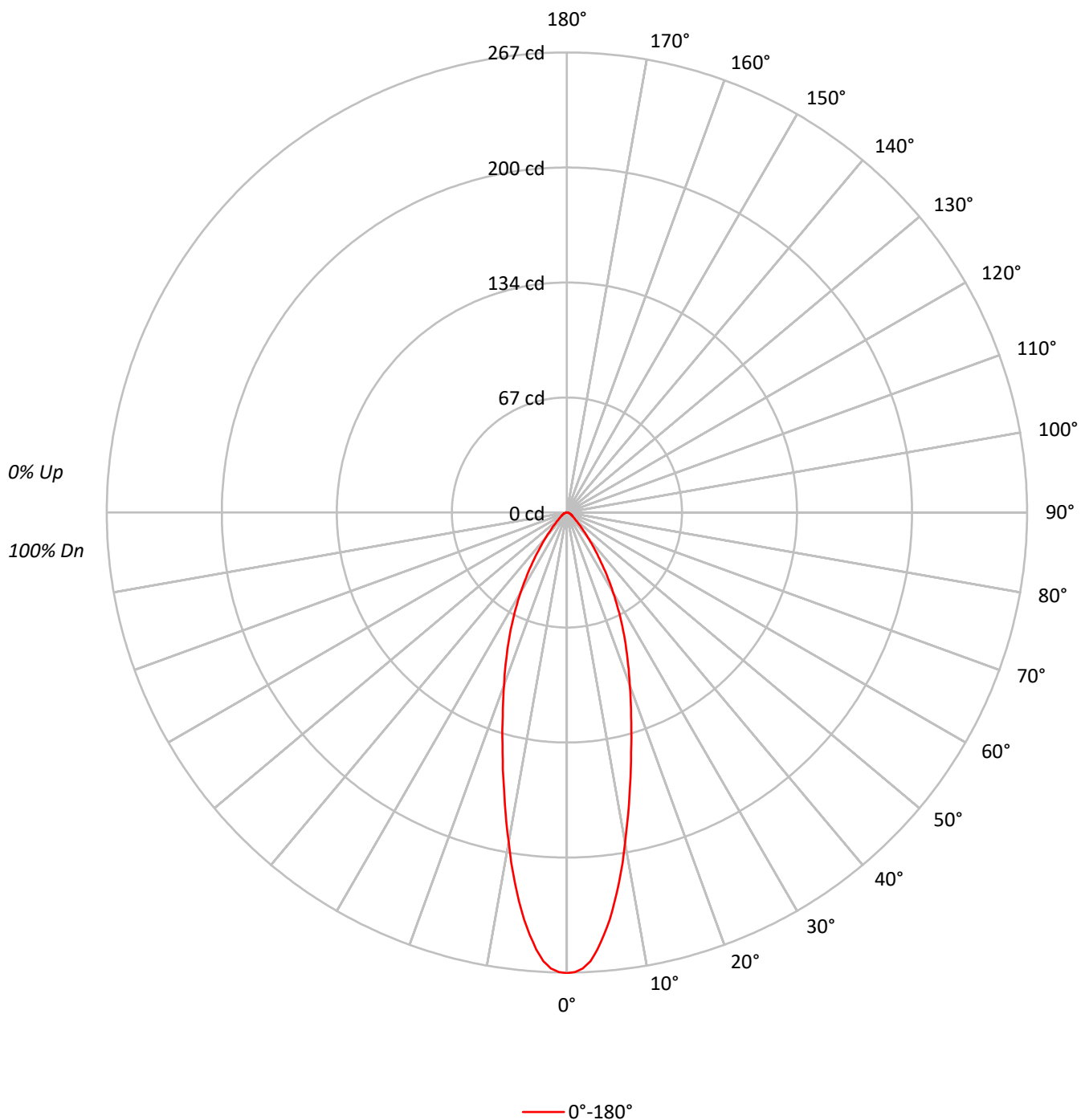
Lumens per Lamp: N/A
Luminaire Lumens: 136.0 lumens
Efficiency: N/A
Efficacy: 18.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	73		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		68
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°	58636
5°	54193
10°	43264
15°	32690
20°	24899
25°	18969
30°	13597
35°	8861
40°	5439
45°	3287
50°	2183
55°	1682
60°	1447
65°	1245
70°	1154
75°	1101
80°	884
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3287 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.8	16.0
10°-20°	40.2	29.6
20°-30°	35.8	26.4
30°-40°	21.2	15.6
40°-50°	8.7	6.4
50°-60°	4.1	3.0
60°-70°	2.5	1.8
70°-80°	1.3	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°	97.9	72.0
0°-40°	119.1	87.6
0°-60°	131.9	97.0
0°-90°	136.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	136.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	267	
5°	246	22
15°	144	40
25°	78	36
35°	33	21
45°	11	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	267.4
1°	266.8
2°	264.8
3°	260.8
4°	254.2
5°	246.2
6°	237.6
7°	227.5
8°	216.9
9°	206.1
10°	194.3
12.5°	167.6
15°	144.0
17.5°	123.7
20°	106.7
22.5°	91.7
25°	78.4
27.5°	65.6
30°	53.7
32.5°	42.8
35°	33.1
37.5°	25.4
40°	19.0
42.5°	14.1
45°	10.6
47.5°	8.2
50°	6.4
52.5°	5.3
55°	4.4
57.5°	3.8
60°	3.3
62.5°	2.9
65°	2.4
67.5°	2.2
70°	1.8
72.5°	1.5
75°	1.3
77.5°	0.9
80°	0.7
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)