

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: P1271286

Luminaire Tested: P3AS05R359827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271286
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

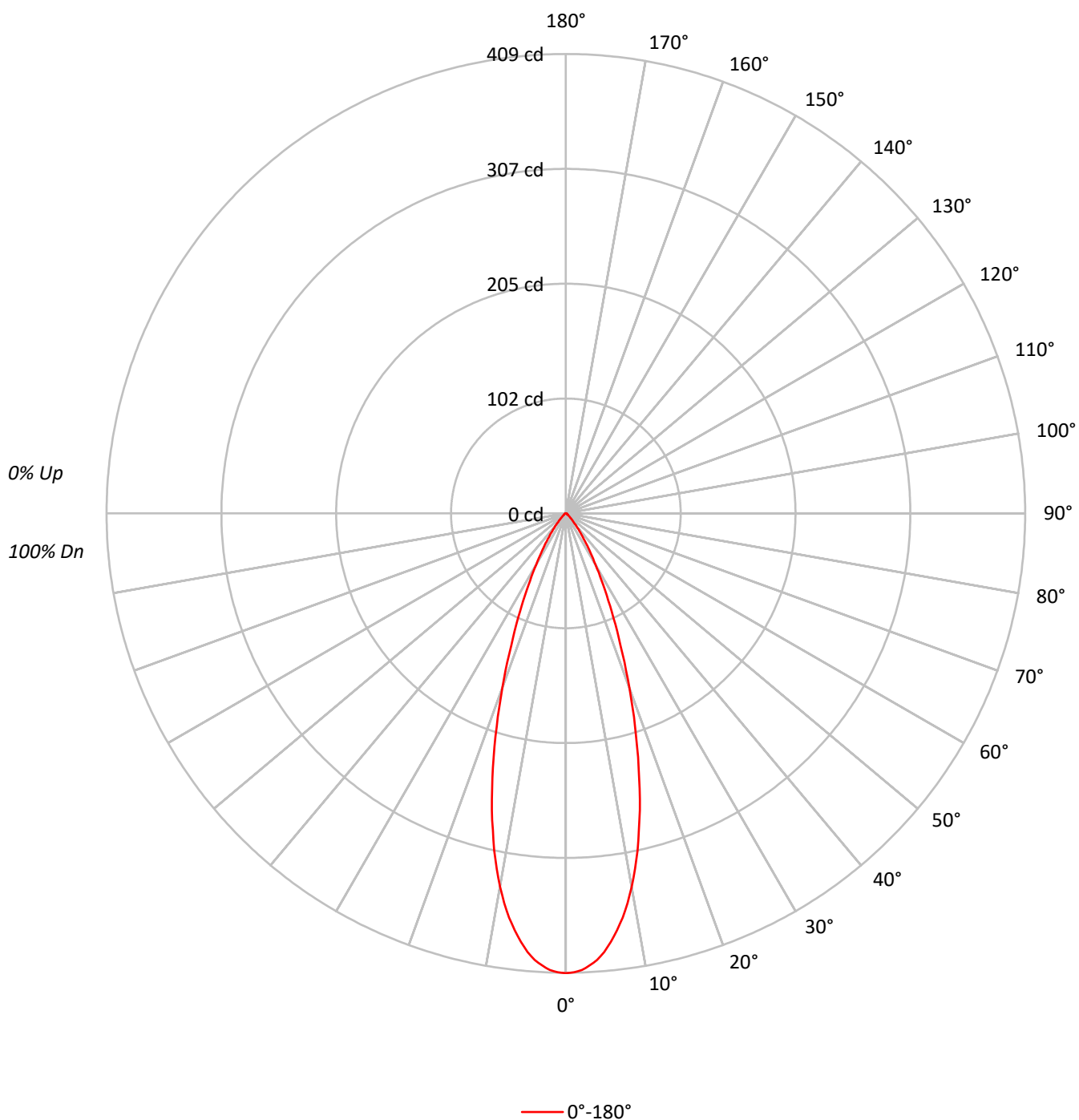
Lumens per Lamp: N/A
Luminaire Lumens: 178.0 lumens
Efficiency: N/A
Efficacy: 24.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1271286

CATALOG NUMBER: P3AS05R359827DE010 E3DL1GPH

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			0
RW	70	50	30	10	70	50	30	10	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		102	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94	93	91	90
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91	88	86	85
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87	84	82	80
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83	80	78	76
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80	77	74	73
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77	73	71	70
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74	70	68	67
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71	68	65	64
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69	65	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	89774
5°	86286
10°	75171
15°	57571
20°	38527
25°	23300
30°	13369
35°	7469
40°	3979
45°	2047
50°	989
55°	765
60°	746
65°	623
70°	641
75°	593
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2047 cd/sqm

TEST NUMBER: P1271286

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.7	20.0
10°-20°	69.1	38.8
20°-30°	45.2	25.4
30°-40°	18.3	10.3
40°-50°	5.5	3.1
50°-60°	1.9	1.1
60°-70°	1.2	0.7
70°-80°	0.7	0.4
80°-90°	0.3	0.1
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°	150.0	84.3
0°-40°	168.4	94.6
0°-60°	175.8	98.7
0°-90°	178.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	178.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	409	
5°	392	36
15°	254	69
25°	96	45
35°	28	18
45°	7	6
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	409.4
1°	408.7
2°	406.9
3°	403.1
4°	398.7
5°	392.0
6°	383.5
7°	374.0
8°	363.4
9°	351.2
10°	337.6
11°	322.5
12°	306.8
13°	289.2
14°	272.4
15°	253.6
17.5°	208.1
20°	165.1
22.5°	127.0
25°	96.3
27.5°	71.8
30°	52.8
32.5°	38.8
35°	27.9
37.5°	19.8
40°	13.9
42.5°	9.7
45°	6.6
47.5°	4.4
50°	2.9
52.5°	2.2
55°	2.0
57.5°	1.9
60°	1.7
62.5°	1.5
65°	1.2
67.5°	1.0
70°	1.0
72.5°	0.8
75°	0.7
77.5°	0.5
80°	0.5
82.5°	0.3
85°	0.2
87.5°	0.2



TEST NUMBER: P1271286
CATALOG NUMBER: P3AS05R359827DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)