

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: P1256624

Luminaire Tested: P3AS05R359040DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256624
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: P3AS05R359040DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

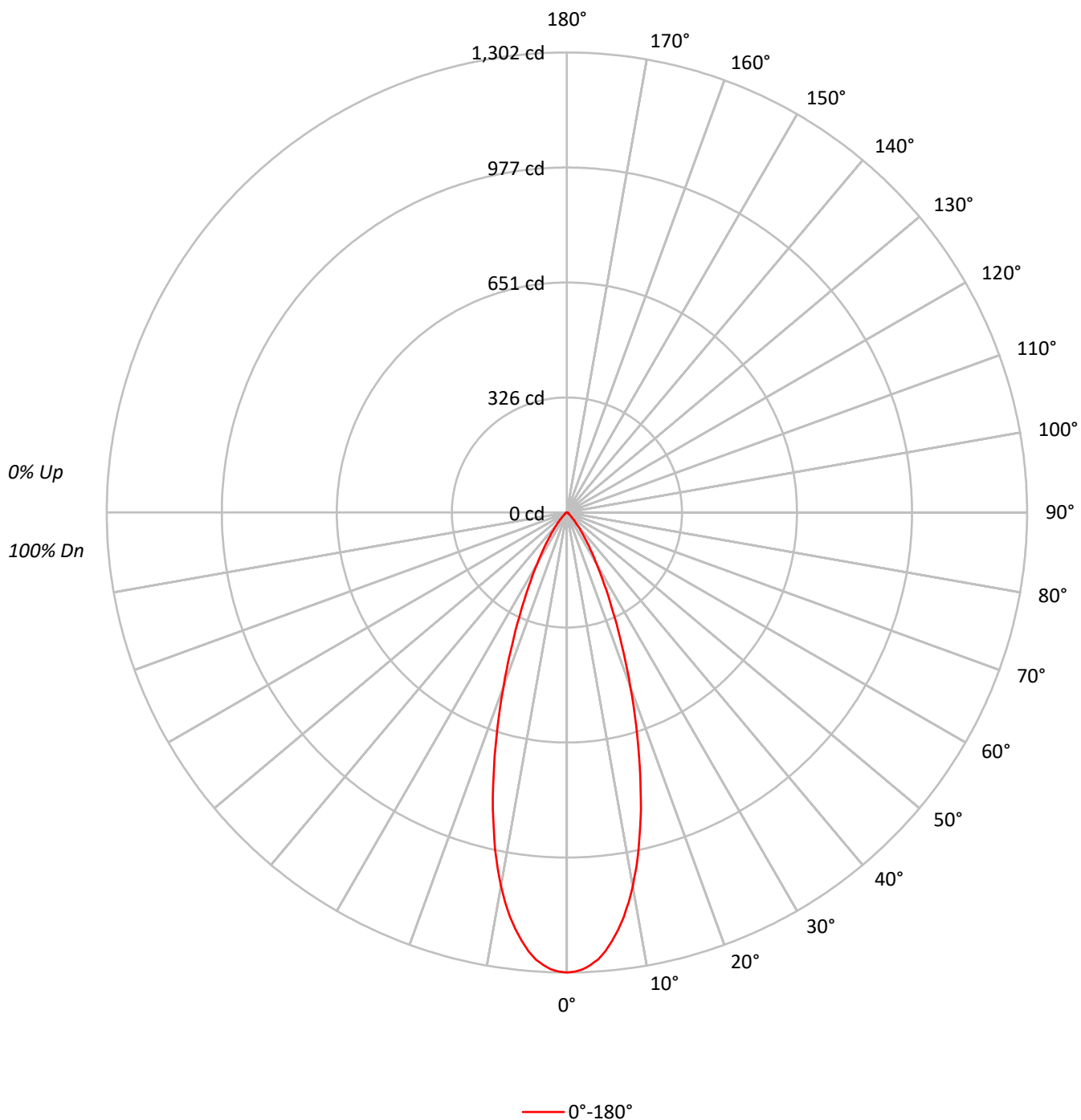
Lumens per Lamp: N/A
Luminaire Lumens: 566.0 lumens
Efficiency: N/A
Efficacy: 78.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1256624

CATALOG NUMBER: P3AS05R359040DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1256624

CATALOG NUMBER: P3AS05R359040DE010 E3DL1WMH

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	285460
5°	274355
10°	239051
15°	183088
20°	122487
25°	74109
30°	42538
35°	23771
40°	12624
45°	6512
50°	3138
55°	2485
60°	2368
65°	1972
70°	2052
75°	1864
80°	2020
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6512 cd/sqm

TEST NUMBER: P1256624

CATALOG NUMBER: P3AS05R359040DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.4	20.0
10°-20°	219.8	38.8
20°-30°	143.9	25.4
30°-40°	58.4	10.3
40°-50°	17.5	3.1
50°-60°	6.0	1.1
60°-70°	4.0	0.7
70°-80°	2.3	0.4
80°-90°	0.8	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°	477.0	84.3
0°-40°	535.4	94.6
0°-60°	558.9	98.7
0°-90°	566.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	566.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1302	
5°	1246	113
15°	806	220
25°	306	144
35°	89	58
45°	21	18
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1256624

CATALOG NUMBER: P3AS05R359040DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1301.8
1°	1299.7
2°	1293.8
3°	1281.9
4°	1267.9
5°	1246.4
6°	1219.5
7°	1189.3
8°	1155.4
9°	1116.6
10°	1073.6
11°	1025.6
12°	975.6
13°	919.6
14°	866.3
15°	806.5
17.5°	661.7
20°	524.9
22.5°	403.8
25°	306.3
27.5°	228.3
30°	168.0
32.5°	123.3
35°	88.8
37.5°	63.0
40°	44.1
42.5°	30.7
45°	21.0
47.5°	14.0
50°	9.2
52.5°	7.0
55°	6.5
57.5°	5.9
60°	5.4
62.5°	4.8
65°	3.8
67.5°	3.2
70°	3.2
72.5°	2.7
75°	2.2
77.5°	1.6
80°	1.6
82.5°	1.1
85°	0.5
87.5°	0.5



TEST NUMBER: P1256624
CATALOG NUMBER: P3AS05R359040DE010 E3DL1WMH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)