

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: P1252837

Luminaire Tested: P3AS20R559030D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252837
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R559030D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

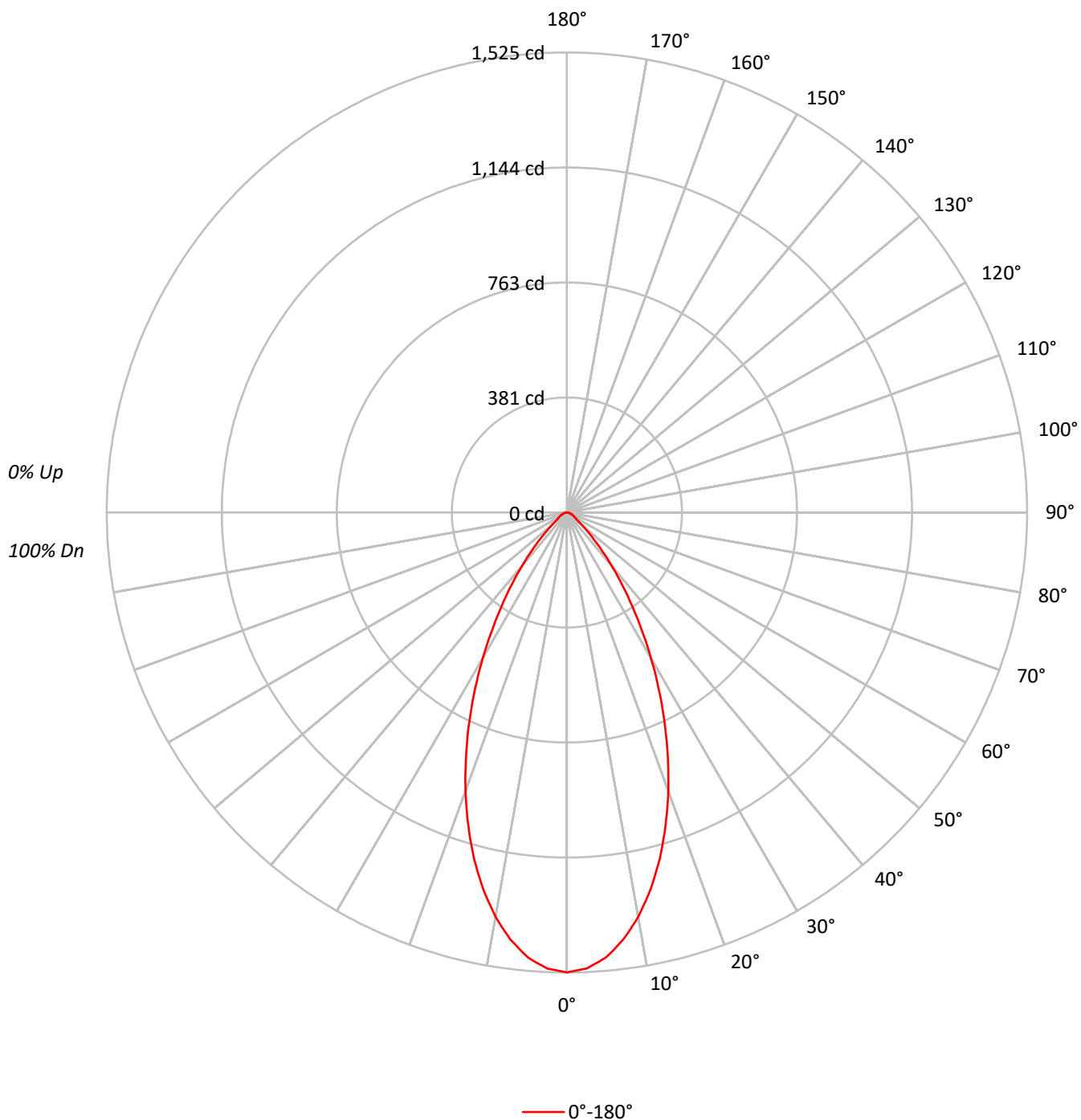
Lumens per Lamp: N/A
Luminaire Lumens: 1229.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1252837

CATALOG NUMBER: P3AS20R559030D010 E3DLP1H

Luminous Intensity Polar Plot





TEST NUMBER: P1252837

CATALOG NUMBER: P3AS20R559030D010 E3DLP1H

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	107	105	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	334337
5°	325951
10°	303023
15°	269854
20°	229317
25°	185067
30°	141085
35°	100331
40°	66210
45°	39260
50°	23027
55°	14183
60°	12587
65°	11363
70°	9745
75°	8557
80°	8587
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39260 cd/sqm

TEST NUMBER: P1252837

CATALOG NUMBER: P3AS20R559030D010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.5	11.2
10°-20°	329.5	26.8
20°-30°	349.0	28.4
30°-40°	235.8	19.2
40°-50°	103.4	8.4
50°-60°	37.0	3.0
60°-70°	21.7	1.8
70°-80°	11.3	0.9
80°-90°	3.7	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°	816.1	66.4
0°-40°	1051.9	85.6
0°-60°	1192.3	97.0
0°-90°	1229.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1229.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1525	
5°	1481	137
15°	1189	330
25°	765	349
35°	375	236
45°	127	103
55°	37	37
65°	22	22
75°	10	11
85°	3	4
90°	0	

TEST NUMBER: P1252837

CATALOG NUMBER: P3AS20R559030D010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1524.7
2.5°	1512.8
5°	1480.8
7.5°	1428.4
10°	1360.9
12.5°	1279.8
15°	1188.7
17.5°	1087.3
20°	982.7
22.5°	872.9
25°	764.9
27.5°	658.5
30°	557.2
32.5°	460.9
35°	374.8
37.5°	297.2
40°	231.3
42.5°	173.9
45°	126.6
47.5°	92.9
50°	67.5
52.5°	47.3
55°	37.1
57.5°	33.8
60°	28.7
62.5°	25.3
65°	21.9
67.5°	18.6
70°	15.2
72.5°	13.5
75°	10.1
77.5°	8.4
80°	6.8
82.5°	5.1
85°	3.4
87.5°	1.7
90°	0.0

(END OF REPORT)