

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: P1252745

Luminaire Tested: P3AS20R409030D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252745
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409030D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

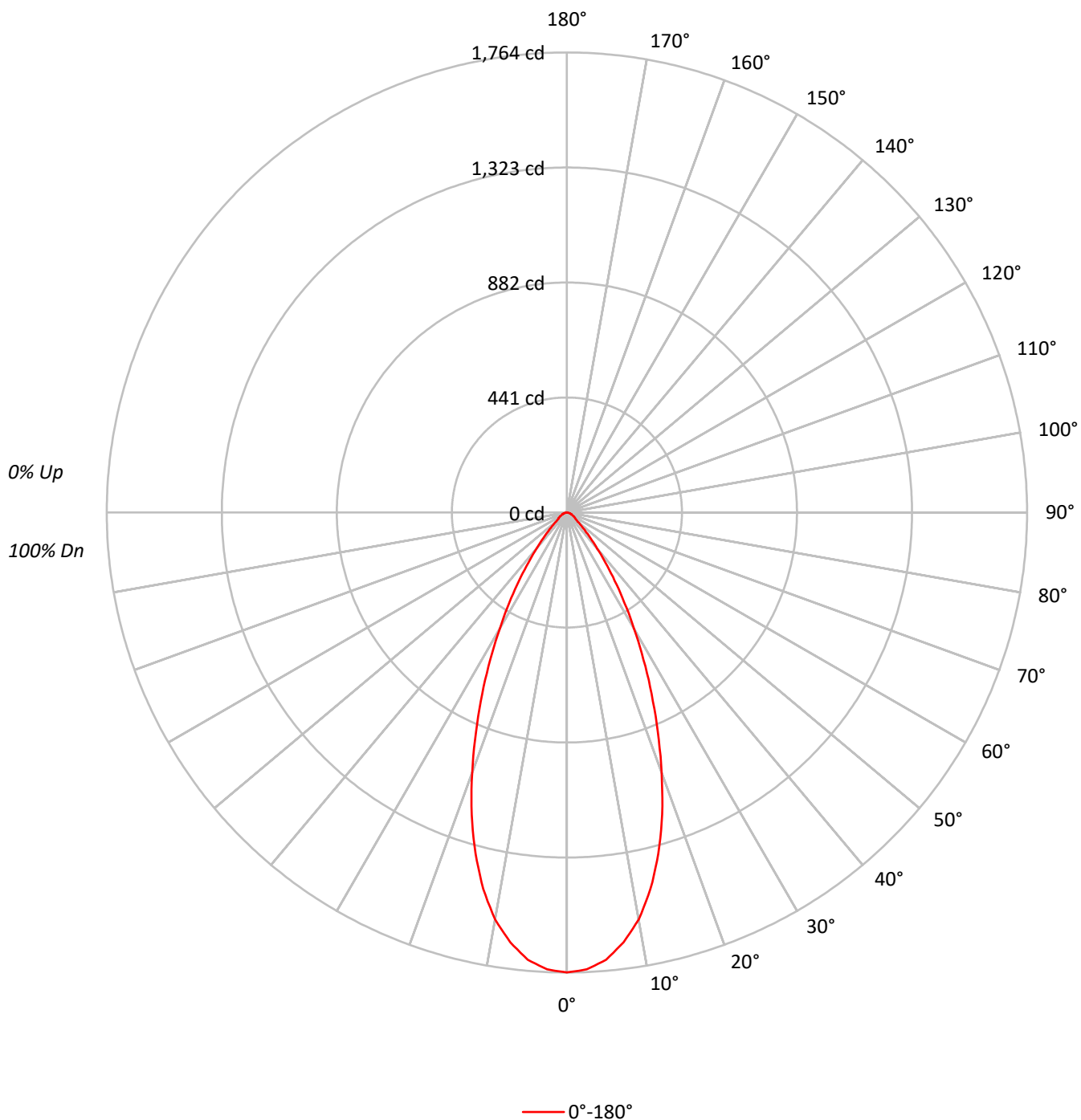
Lumens per Lamp: N/A
Luminaire Lumens: 1242.0 lumens
Efficiency: N/A
Efficacy: 43.1 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1252745

CATALOG NUMBER: P3AS20R409030D010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1252745

CATALOG NUMBER: P3AS20R409030D010 E3DL1WH

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	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	386723
5°	378912
10°	352788
15°	307471
20°	247798
25°	185745
30°	130577
35°	85554
40°	51783
45°	30949
50°	18456
55°	14872
60°	13332
65°	11415
70°	10835
75°	8557
80°	8587
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30949 cd/sqm

TEST NUMBER: P1252745

CATALOG NUMBER: P3AS20R409030D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.9	12.9
10°-20°	373.1	30.0
20°-30°	351.5	28.3
30°-40°	203.3	16.4
40°-50°	81.0	6.5
50°-60°	35.9	2.9
60°-70°	22.2	1.8
70°-80°	11.6	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°	884.5	71.2
0°-40°	1087.7	87.6
0°-60°	1204.6	97.0
0°-90°	1242.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1242.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1764	
5°	1721	160
15°	1354	373
25°	768	352
35°	320	203
45°	100	81
55°	39	36
65°	22	22
75°	10	12
85°	3	4
90°	0	

TEST NUMBER: P1252745

CATALOG NUMBER: P3AS20R409030D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1763.6
2.5°	1753.5
5°	1721.4
7.5°	1662.2
10°	1584.4
12.5°	1479.6
15°	1354.4
17.5°	1214.1
20°	1061.9
22.5°	909.7
25°	767.7
27.5°	635.8
30°	515.7
32.5°	410.9
35°	319.6
37.5°	241.8
40°	180.9
42.5°	135.3
45°	99.8
47.5°	72.7
50°	54.1
52.5°	44.0
55°	38.9
57.5°	35.5
60°	30.4
62.5°	25.4
65°	22.0
67.5°	18.6
70°	16.9
72.5°	13.5
75°	10.1
77.5°	8.5
80°	6.8
82.5°	5.1
85°	3.4
87.5°	1.7
90°	0.0

(END OF REPORT)