

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: P1252741

Luminaire Tested: P3AS20R409030D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252741
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409030D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

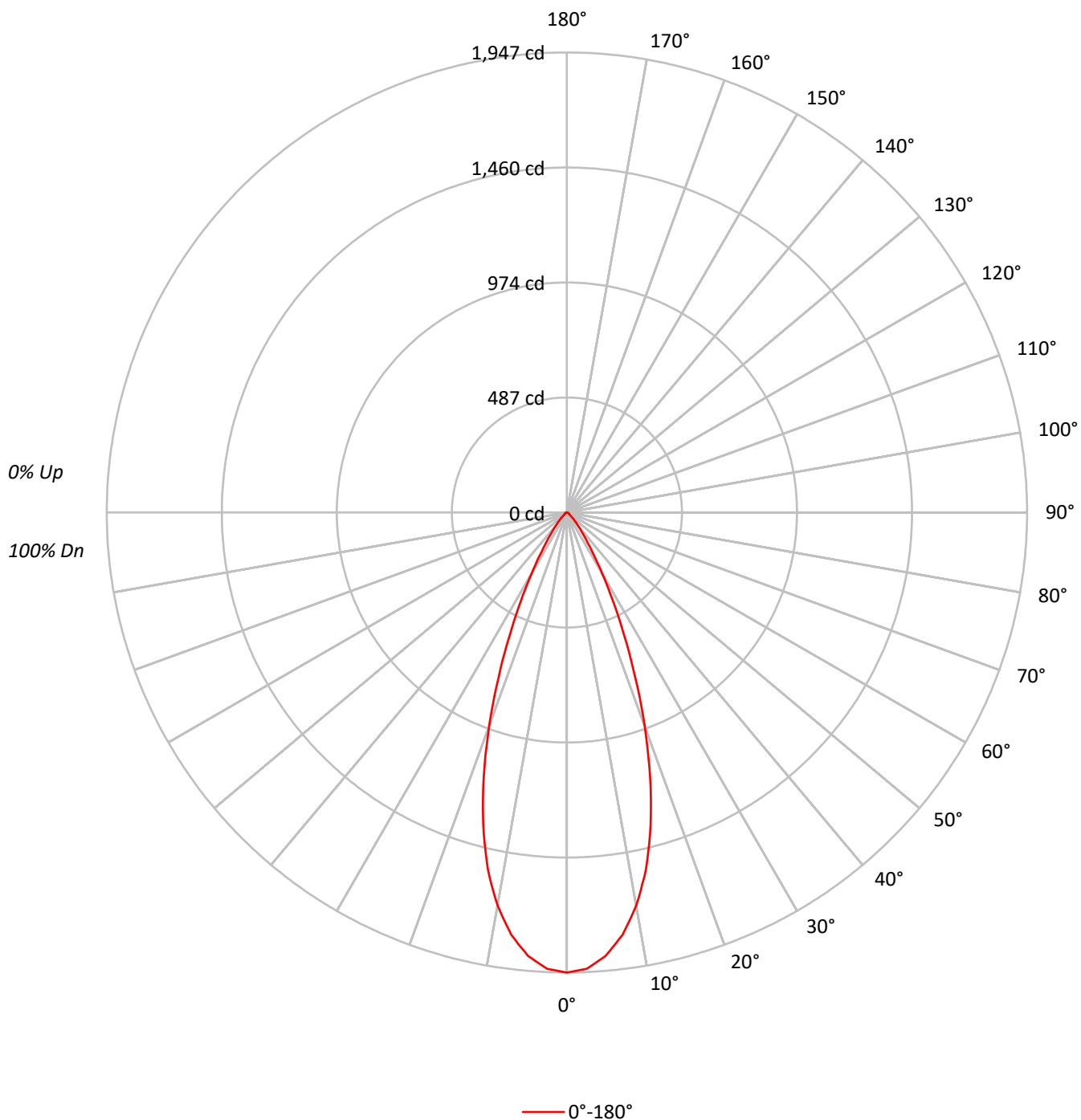
Lumens per Lamp: N/A
Luminaire Lumens: 965.0 lumens
Efficiency: N/A
Efficacy: 33.5 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1252741

CATALOG NUMBER: P3AS20R409030D010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1252741

CATALOG NUMBER: P3AS20R409030D010 E3DL1GPH

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	96	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	91	91	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	86	86	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	81	81	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	77	77	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	73	73	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	70	70	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	67	67	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	64	64	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	61	61	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	427005
5°	414593
10°	376234
15°	310830
20°	224206
25°	138685
30°	75075
35°	38815
40°	21097
45°	11815
50°	5936
55°	4435
60°	3991
65°	3891
70°	3719
75°	3474
80°	3157
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 11815 cd/sqm

TEST NUMBER: P1252741

CATALOG NUMBER: P3AS20R409030D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.6	18.0
10°-20°	372.8	38.6
20°-30°	266.1	27.6
30°-40°	97.9	10.1
40°-50°	30.8	3.2
50°-60°	10.7	1.1
60°-70°	7.4	0.8
70°-80°	4.4	0.5
80°-90°	1.2	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°	812.5	84.2
0°-40°	910.5	94.3
0°-60°	952.0	98.7
0°-90°	965.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	965.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1947	
5°	1884	174
15°	1369	373
25°	573	266
35°	145	98
45°	38	31
55°	12	11
65°	8	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1252741

CATALOG NUMBER: P3AS20R409030D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1947.3
2.5°	1932.4
5°	1883.5
7.5°	1802.4
10°	1689.7
12.5°	1546.4
15°	1369.2
17.5°	1170.4
20°	960.8
22.5°	754.6
25°	573.2
27.5°	420.8
30°	296.5
32.5°	207.9
35°	145.0
37.5°	102.7
40°	73.7
42.5°	53.0
45°	38.1
47.5°	25.7
50°	17.4
52.5°	12.4
55°	11.6
57.5°	10.8
60°	9.1
62.5°	8.3
65°	7.5
67.5°	6.6
70°	5.8
72.5°	5.0
75°	4.1
77.5°	3.3
80°	2.5
82.5°	1.7
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)