

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: P1250187

Luminaire Tested: P3AS20R659027D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250187
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659027D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

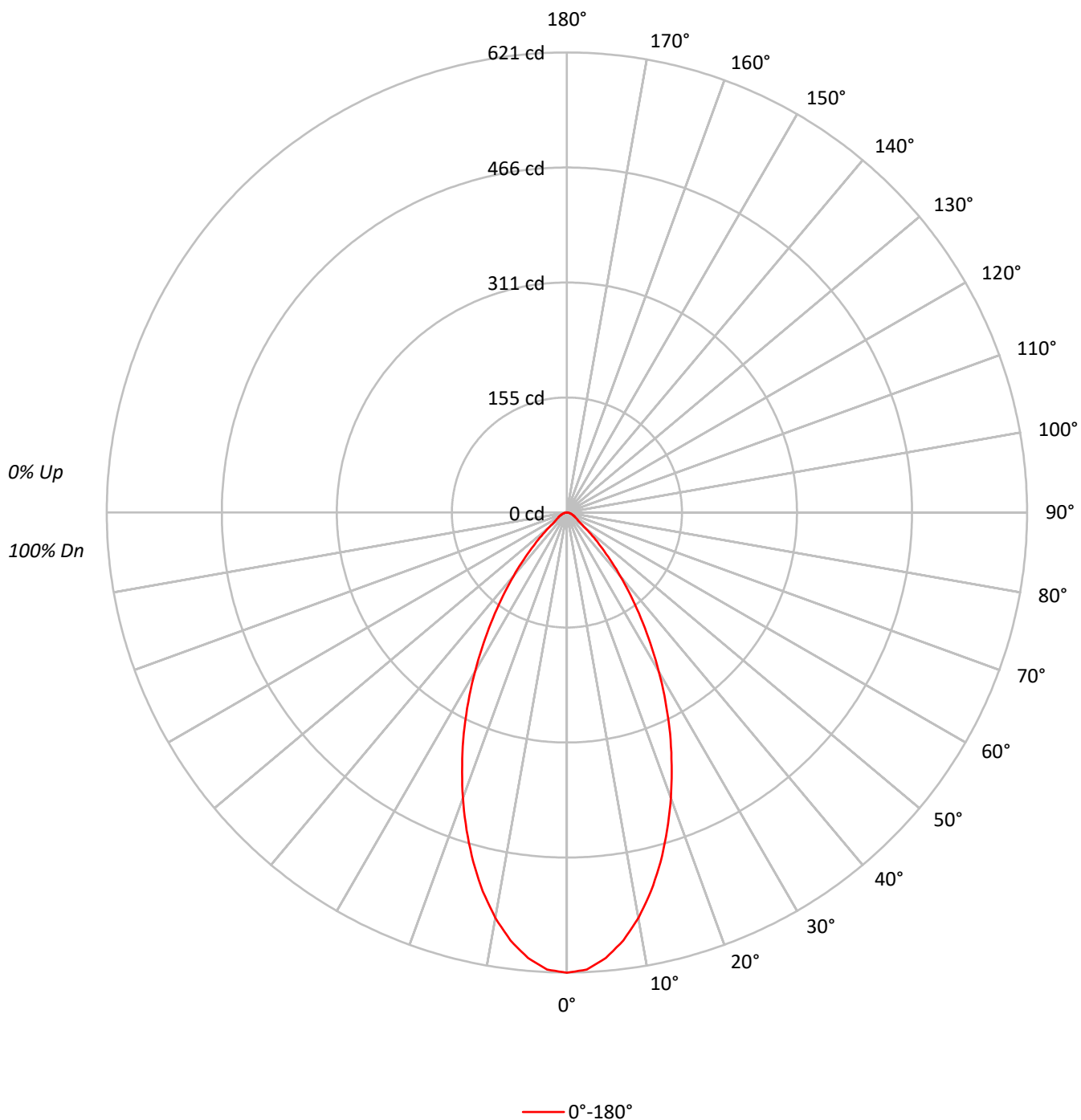
Lumens per Lamp: N/A
Luminaire Lumens: 536.0 lumens
Efficiency: N/A
Efficacy: 18.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250187

CATALOG NUMBER: P3AS20R659027D010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1250187

CATALOG NUMBER: P3AS20R659027D010 E3DLP1GPH

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		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	136239
5°	132841
10°	123712
15°	110875
20°	95745
25°	79650
30°	62820
35°	46552
40°	32089
45°	19878
50°	10814
55°	6805
60°	5745
65°	5189
70°	4488
75°	3897
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19878 cd/sqm

TEST NUMBER: P1250187

CATALOG NUMBER: P3AS20R659027D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.1	10.5
10°-20°	135.7	25.3
20°-30°	150.1	28.0
30°-40°	109.0	20.3
40°-50°	51.1	9.5
50°-60°	17.2	3.2
60°-70°	9.9	1.9
70°-80°	5.2	1.0
80°-90°	1.7	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°	341.9	63.8
0°-40°	450.9	84.1
0°-60°	519.2	96.9
0°-90°	536.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	536.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	621	
5°	604	56
15°	488	136
25°	329	150
35°	174	109
45°	64	51
55°	18	17
65°	10	10
75°	5	5
85°	2	2
90°	0	

TEST NUMBER: P1250187

CATALOG NUMBER: P3AS20R659027D010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	621.3
2.5°	617.5
5°	603.5
7.5°	582.7
10°	555.6
12.5°	523.9
15°	488.4
17.5°	449.8
20°	410.3
22.5°	369.4
25°	329.2
27.5°	288.2
30°	248.1
32.5°	209.4
35°	173.9
37.5°	141.4
40°	112.1
42.5°	85.8
45°	64.1
47.5°	46.4
50°	31.7
52.5°	21.6
55°	17.8
57.5°	15.5
60°	13.1
62.5°	11.6
65°	10.0
67.5°	8.5
70°	7.0
72.5°	6.2
75°	4.6
77.5°	3.9
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)