

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: P1265989

Luminaire Tested: P3A20R659730D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265989
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R659730D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

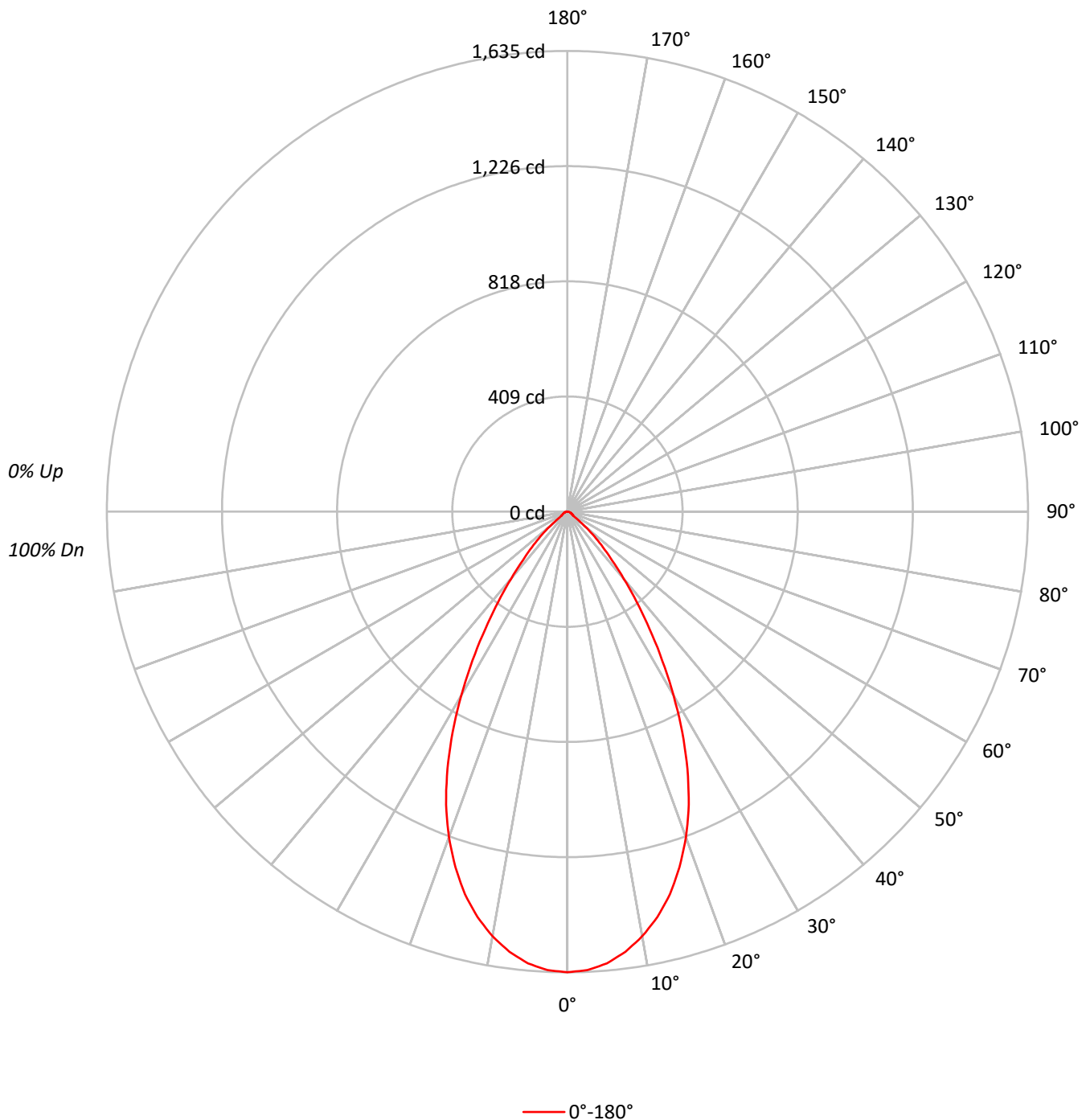
Lumens per Lamp: N/A
Luminaire Lumens: 1520.0 lumens
Efficiency: N/A
Efficacy: 52.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265989

CATALOG NUMBER: P3A20R659730D010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1265989

CATALOG NUMBER: P3A20R659730D010 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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
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	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	358458
5°	354170
10°	340720
15°	319162
20°	287072
25°	243764
30°	190662
35°	135854
40°	88909
45°	54982
50°	27905
55°	9863
60°	8640
65°	8665
70°	7758
75°	7710
80°	7703
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 54982 cd/sqm

TEST NUMBER: P1265989

CATALOG NUMBER: P3A20R659730D010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.1	9.9
10°-20°	391.3	25.7
20°-30°	457.3	30.1
30°-40°	319.6	21.0
40°-50°	140.7	9.3
50°-60°	31.3	2.1
60°-70°	15.9	1.0
70°-80°	9.6	0.6
80°-90°	3.3	0.2
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°	999.7	65.8
0°-40°	1319.2	86.8
0°-60°	1491.2	98.1
0°-90°	1520.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1520.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1635	
5°	1609	151
15°	1406	391
25°	1008	457
35°	508	320
45°	177	141
55°	26	31
65°	17	16
75°	9	10
85°	3	3
90°	0	

TEST NUMBER: P1265989

CATALOG NUMBER: P3A20R659730D010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1634.7
2.5°	1628.6
5°	1609.0
7.5°	1575.6
10°	1530.2
12.5°	1474.1
15°	1405.9
17.5°	1322.6
20°	1230.2
22.5°	1125.7
25°	1007.5
27.5°	883.3
30°	753.0
32.5°	627.2
35°	507.5
37.5°	403.0
40°	310.6
42.5°	234.8
45°	177.3
47.5°	130.3
50°	81.8
52.5°	42.4
55°	25.8
57.5°	22.7
60°	19.7
62.5°	18.2
65°	16.7
67.5°	13.6
70°	12.1
72.5°	10.6
75°	9.1
77.5°	7.6
80°	6.1
82.5°	4.5
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)