Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: LUMIERE

Report Number: Pxxxxxx

Luminaire Tested: **203-SS-8LED2710-12-CS**

Issue Date: 3/3/2020

Report Generated By E9808136 / USAU2WHP6039969

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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	Pxxxxxx
	REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (Pxxxxxx)
Test Lab:	INNOVATION CENTER(G2)
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMIERE
Catalog Number:	203-SS-8LED2710-12-CS
Description:	CAMBRIA 203 LED LUMINAIRE, 8 WATT, 2700K CCT, 10 DEGREE SPOT OPTIC, REGRESSED HOOD SILVER
Light Source:	(1) SORAA 2700K 95 CRI 10°NSP LED SM16-07-10D-927-03
Ballast/Driver:	CHROMA POWER SUPPLY IN0004

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	271.0 lumens
Efficiency:	N/A
Efficacy:	36.1 lumens/watt
Spacing Criteria (0/90/45):	0.22 / 0.22 / 0.19
Luminous Opening:	Circular (Dia: 0.17' x H: 0')
CIE Type:	Direct

Input Watts (W):	7.5
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:	25 FT

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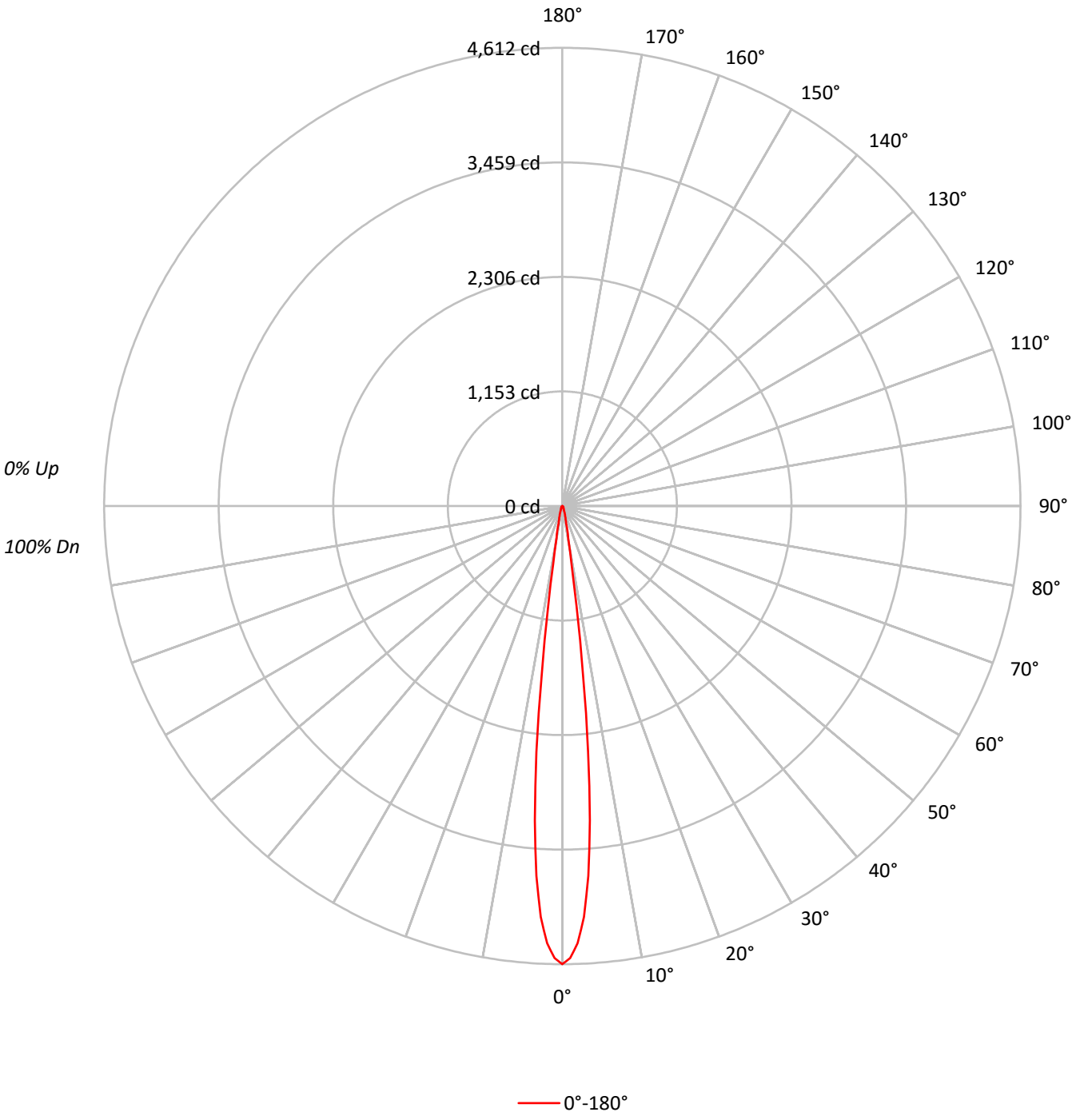
Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			20
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	116	114	112	110	113	112	110	109	108	106	105	104	103	102	101	100	99	98
2	112	109	106	104	110	107	105	103	104	102	101	101	100	99	99	98	97	95
3	109	105	102	100	108	104	101	99	102	99	97	99	97	96	97	96	94	93
4	107	102	99	96	105	101	98	95	99	96	94	97	95	93	96	94	92	91
5	104	99	96	93	103	98	95	93	97	94	92	95	93	91	94	92	91	90
6	102	97	93	91	101	96	93	91	95	92	90	94	91	90	93	91	89	88
7	100	95	91	89	99	94	91	89	93	91	88	92	90	88	92	89	88	87
8	99	93	90	88	98	93	90	87	92	89	87	91	89	87	90	88	86	86
9	97	92	88	86	96	91	88	86	91	88	86	90	87	86	89	87	85	85
10	96	90	87	85	95	90	87	85	89	87	85	89	86	85	88	86	84	84

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2275417
5°	1573355
10°	180206
15°	56901
20°	25412
25°	16386
30°	12989
35°	11564
40°	9983
45°	8931
50°	6985
55°	5505
60°	2664
65°	1051
70°	1298
75°	0
80°	0
85°	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.6	70.3
10°-20°	36.6	13.5
20°-30°	14.6	5.4
30°-40°	12.1	4.5
40°-50°	9.9	3.7
50°-60°	5.6	2.1
60°-70°	1.3	0.5
70°-80°	0.4	0.1
80°-90°	0.0	0.0
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°	241.7	89.2
0°-40°	253.8	93.7
0°-60°	269.3	99.4
0°-90°	271.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	271.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4612	
5°	3177	191
15°	111	37
25°	30	15
35°	19	12
45°	13	10
55°	6	6
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	4611.9
1°	4550.7
2°	4403.8
3°	4140.8
4°	3733.7
5°	3176.8
6°	2488.5
7°	1706.2
8°	1019.7
9°	583.3
10°	359.7
12.5°	177.1
15°	111.4
17.5°	77.6
20°	48.4
22.5°	36.5
25°	30.1
27.5°	26.5
30°	22.8
32.5°	21.0
35°	19.2
37.5°	18.3
40°	15.5
42.5°	14.6
45°	12.8
47.5°	11.9
50°	9.1
52.5°	8.2
55°	6.4
57.5°	4.6
60°	2.7
62.5°	1.8
65°	0.9
67.5°	0.9
70°	0.9
72.5°	0.9
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)