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

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: io LED

Report Number: P202621

Luminaire Tested: **LSR6B20D010BZ EC6B10208050 6LBMWMH1**

Issue Date: 3/3/2020

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Scaled Data Report

Test Information

Test Method:	LM-41-14
Report Number:	P202621
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35319)
Test Lab:	INNOVATION CENTER-P3
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	io LED
Catalog Number:	LSR6B20D010BZ EC6B10208050 6LBMWMH1
Description:	PORTFOLIO 6IN CYLINDER
	MEDIUM DISTRIBUTION WITH WARM HAZE TRIM
	WATTAGE D010TR-21.86 W DE010-20.46 W D5LT-21.24 W DMX-20.89 W DL2-22.5 W
	DL3-21.8 6 W DLE-22.46 W
Light Source:	HIGH LUMEN LED
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1655.5 lumens
Efficiency:	N/A
Efficacy:	79.6 lumens/watt
Spacing Criteria (0/90/45):	0.9 / 0.9 / 0.89
Luminous Opening:	Point Source (0' x 0' x 0')
CIE Type:	Direct

Input Watts (W):	20.8
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:	25 FT

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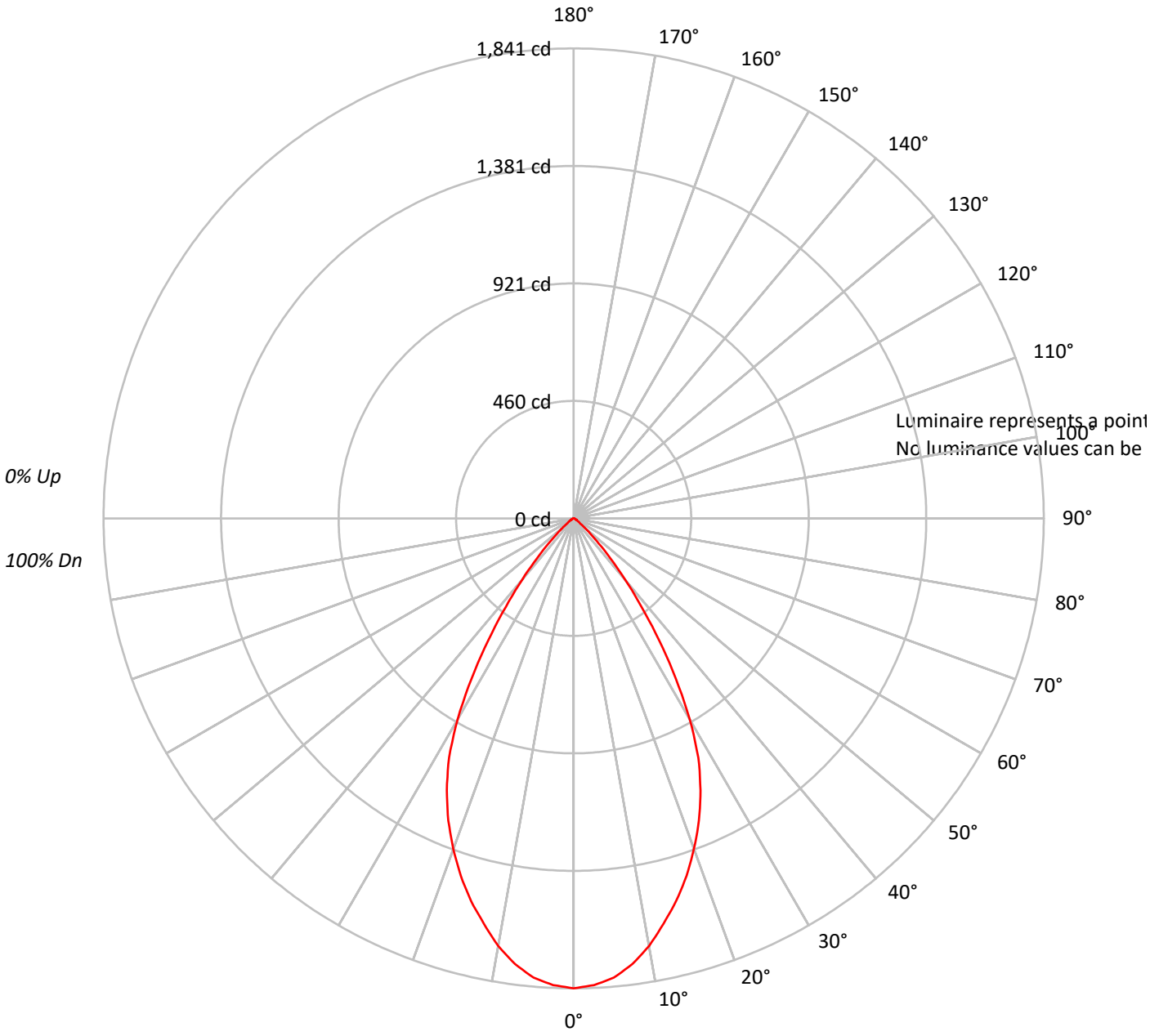
Luminous Intensity Polar Plot



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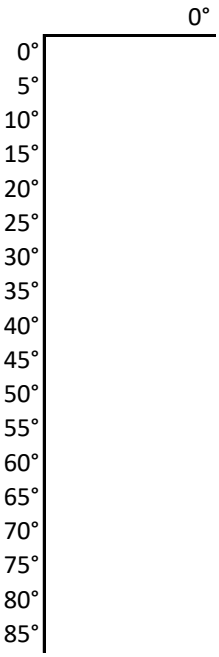
COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	99	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86
3	102	95	90	86	100	94	89	86	91	88	84	89	86	83	87	84	82	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74
5	92	83	77	73	90	82	77	73	80	76	72	79	75	71	77	74	71	69
6	87	78	72	67	85	77	71	67	76	71	67	74	70	66	73	69	66	64
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	58	56
9	75	65	59	55	73	64	59	55	63	58	54	62	58	54	62	57	54	53
10	71	61	55	51	70	61	55	51	60	55	51	59	54	51	58	54	51	50

AVERAGE LUMINANCE (cd/sqm):



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.0	10.2
10°-20°	433.8	26.2
20°-30°	532.8	32.2
30°-40°	365.3	22.1
40°-50°	117.4	7.1
50°-60°	23.8	1.4
60°-70°	9.3	0.6
70°-80°	3.5	0.2
80°-90°	0.6	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°	1135.5	68.6
0°-40°	1500.8	90.7
0°-60°	1642.1	99.2
0°-90°	1655.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1655.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1841	
5°	1806	169
15°	1552	434
25°	1175	533
35°	583	365
45°	139	117
55°	24	24
65°	10	9
75°	3	4
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1841.0
2.5°	1829.8
5°	1805.9
7.5°	1760.9
10°	1700.6
12.5°	1626.1
15°	1551.7
17.5°	1468.9
20°	1377.6
22.5°	1282.1
25°	1175.4
27.5°	1057.4
30°	908.6
32.5°	744.3
35°	582.8
37.5°	435.3
40°	313.2
42.5°	213.4
45°	139.0
47.5°	85.7
50°	52.0
52.5°	32.3
55°	23.9
57.5°	18.3
60°	14.0
62.5°	11.2
65°	9.8
67.5°	7.0
70°	5.6
72.5°	4.2
75°	2.8
77.5°	2.8
80°	1.4
82.5°	1.4
85°	0.0
87.5°	0.0
90°	0.0

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0°-180°

(END OF REPORT)