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: P202525

Luminaire Tested: **LSR6B20D010BZ EC6B10209727 6LBSWMH1**

Issue Date: 3/3/2020

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Scaled Data Report

Test Information

Test Method:	LM-41-14
Report Number:	P202525
	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 EC6B10209727 6LBSWMH1
Description:	PORTFOLIO 6IN CYLINDER
	SHALLOW 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:	1524.3 lumens
Efficiency:	N/A
Efficacy:	73.3 lumens/watt
Spacing Criteria (0/90/45):	0.97 / 0.97 / 1.1
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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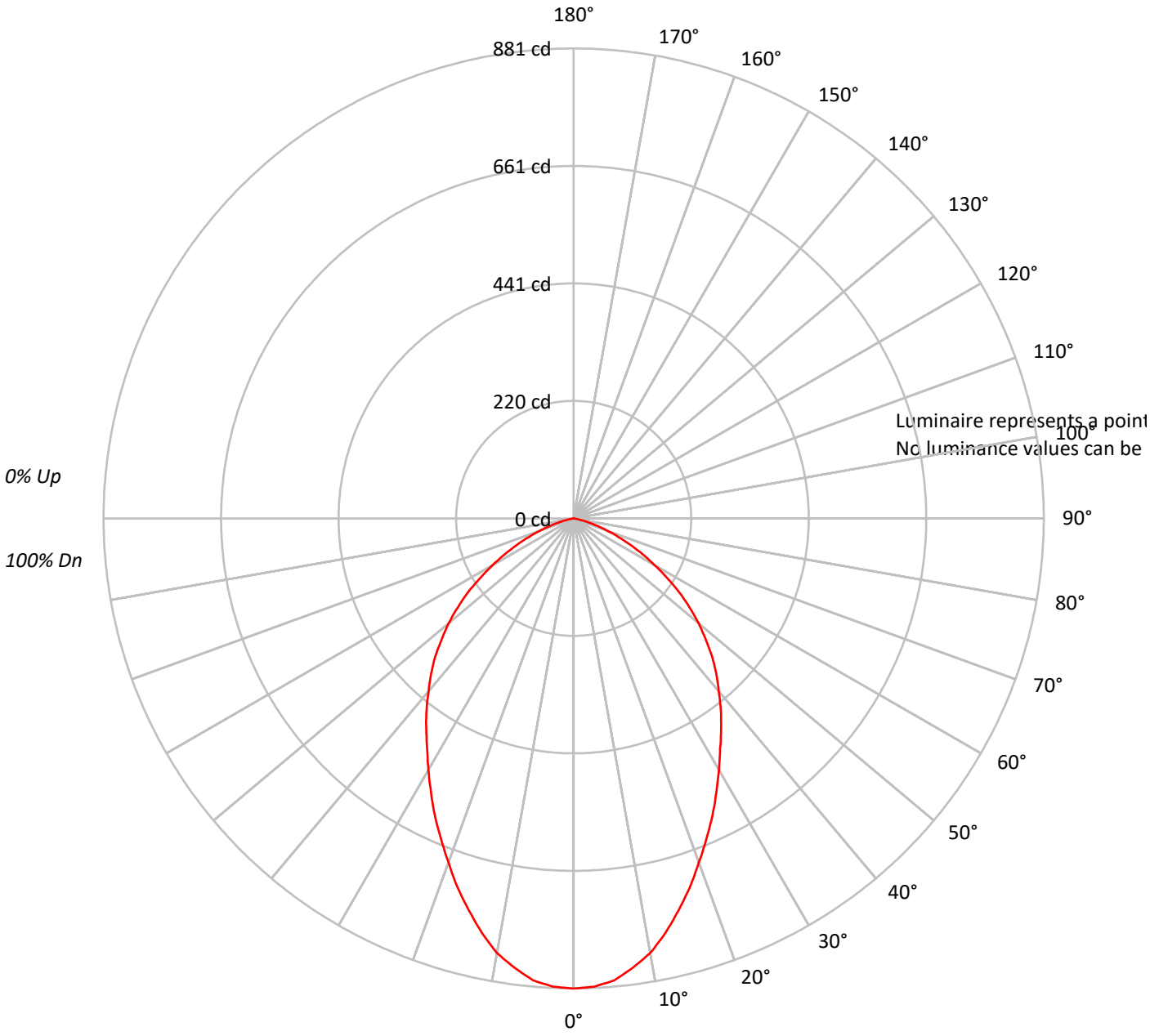
Luminous Intensity Polar Plot



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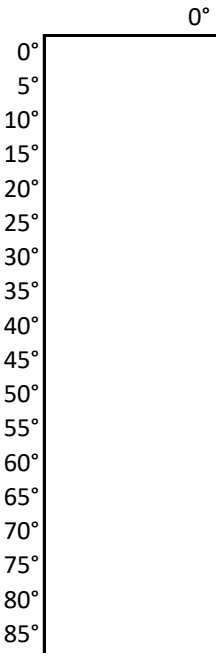
COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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	111	107	104	101	108	105	102	99	101	98	96	97	95	93	94	92	90	88
2	103	96	90	85	100	94	89	84	91	86	82	87	84	81	84	81	79	77
3	95	86	79	73	92	84	78	73	81	76	71	79	74	70	76	72	69	67
4	88	77	70	64	86	76	69	63	74	67	62	71	66	62	69	65	61	59
5	81	70	62	56	79	69	61	56	67	60	55	65	59	55	63	58	54	52
6	76	64	56	50	74	63	55	50	61	54	49	59	53	49	58	53	48	47
7	70	58	50	45	69	57	50	45	56	49	44	55	48	44	53	48	44	42
8	66	54	46	40	64	53	45	40	52	45	40	50	44	40	49	44	40	38
9	62	49	42	37	61	49	42	37	48	41	37	47	41	36	46	40	36	35
10	58	46	39	34	57	45	38	34	45	38	34	44	38	33	43	37	33	32

AVERAGE LUMINANCE (cd/sqm):



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.6	5.3
10°-20°	213.2	14.0
20°-30°	282.7	18.5
30°-40°	301.5	19.8
40°-50°	281.8	18.5
50°-60°	214.9	14.1
60°-70°	116.9	7.7
70°-80°	31.4	2.1
80°-90°	0.4	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°	577.4	37.9
0°-40°	878.9	57.7
0°-60°	1375.7	90.2
0°-90°	1524.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1524.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	881	
5°	869	82
15°	760	213
25°	615	283
35°	482	302
45°	367	282
55°	242	215
65°	117	117
75°	27	31
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	881.4
2.5°	878.6
5°	869.3
7.5°	849.7
10°	827.3
12.5°	795.5
15°	760.1
17.5°	724.6
20°	686.3
22.5°	649.9
25°	615.3
27.5°	578.9
30°	544.4
32.5°	510.8
35°	481.8
37.5°	452.9
40°	423.0
42.5°	395.9
45°	367.0
47.5°	335.2
50°	305.3
52.5°	273.6
55°	241.8
57.5°	207.3
60°	175.5
62.5°	145.7
65°	116.7
67.5°	90.6
70°	66.3
72.5°	45.8
75°	27.1
77.5°	12.1
80°	2.8
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

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0°-180°

(END OF REPORT)