



国星光电
NATIONSTAR

2023

2023 8 25

)

(

"

"

"

"

ODD
V S

		2023 1 1 2023 6 30

			002449
		FOSHAN NATIONSTAR OPTOELECTRONICS CO., LTD	
		NATIONSTAR	

	18	18
	0757-82100271	0757-82100271
	0757-82100268	0757-82100268
	yuanweiliang@nationstar.com	heyuhong@nationstar.com

1

2022

2

	1, 758, 744, 095. 83	1, 664, 781, 497. 45	1, 749, 843, 891. 56	0. 51%
	53, 806, 626. 16	78, 988, 316. 08	86, 025, 165. 87	- 37. 45%
	34, 513, 854. 24	47, 746, 414. 30	47, 746, 414. 30	- 27. 71%
	102, 905, 050. 77	- 6, 407, 001. 17	20, 660, 583. 45	398. 07%
/	0. 0870	0. 1277	0. 1391	- 37. 46%
/	0. 0870	0. 1277	0. 1391	- 37. 46%
	1. 42%	2. 09%	2. 17%	- 0. 75%
	6, 310, 970, 021. 75	6, 579, 814, 806. 63	6, 579, 814, 806. 63	- 4. 09%
	3, 770, 195, 560. 57	3, 753, 497, 564. 55	3, 753, 497, 564. 55	0. 44%

1

2

	-1, 434, 608. 72	
	21, 735, 879. 51	
	180, 075. 48	
	1, 187, 238. 50	
	1, 335. 85	
	19, 292, 771. 92	

1 ---

1 ---

(
1

LED

TrendForce 2027

LED

210.13

2022-2027

8%

2

LED

AR-HUD

LED

Mini /Micro LED

Mini LED

TV

Micro LED

AR

LED

LED

3

5G



LED

LED

LED

LED

LED	LED			
				3C
			Mini /Micro	AR/VR
LED			Mini	RS
			FM	NH
				
			CHIP	
				
LED	LED			
			Mini	

		SCP DFN/CFN	SOT/SCD TO	
		NSi C-1 SBD NSi C-2 NS34m NS62m NSEAS	Si C- MOS E-mode LED	UPS
		NSGaN Cascode		LED

(
1

2

3

" + "

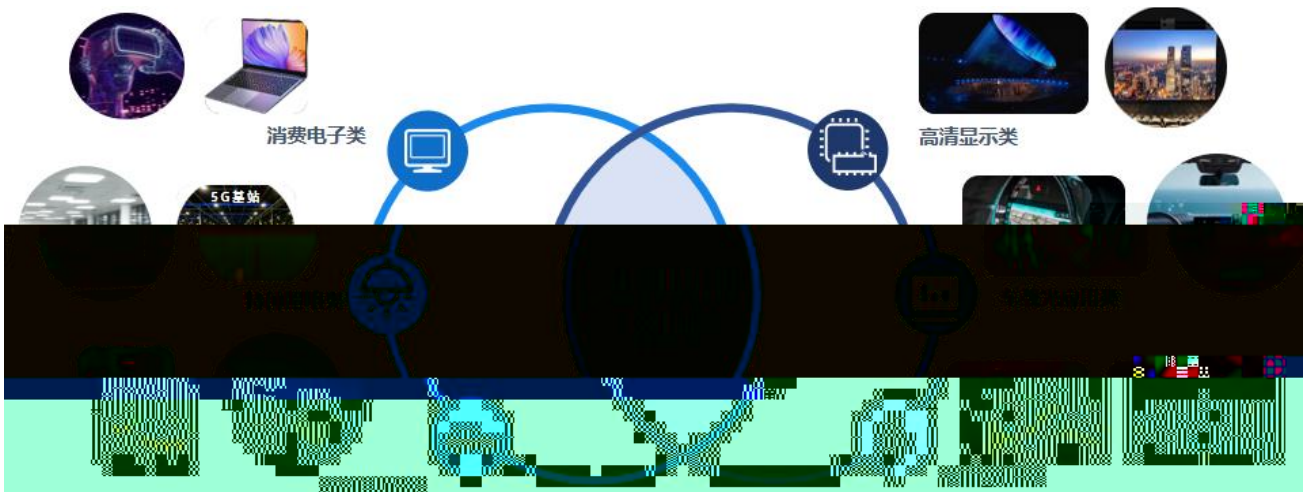
1976

LED

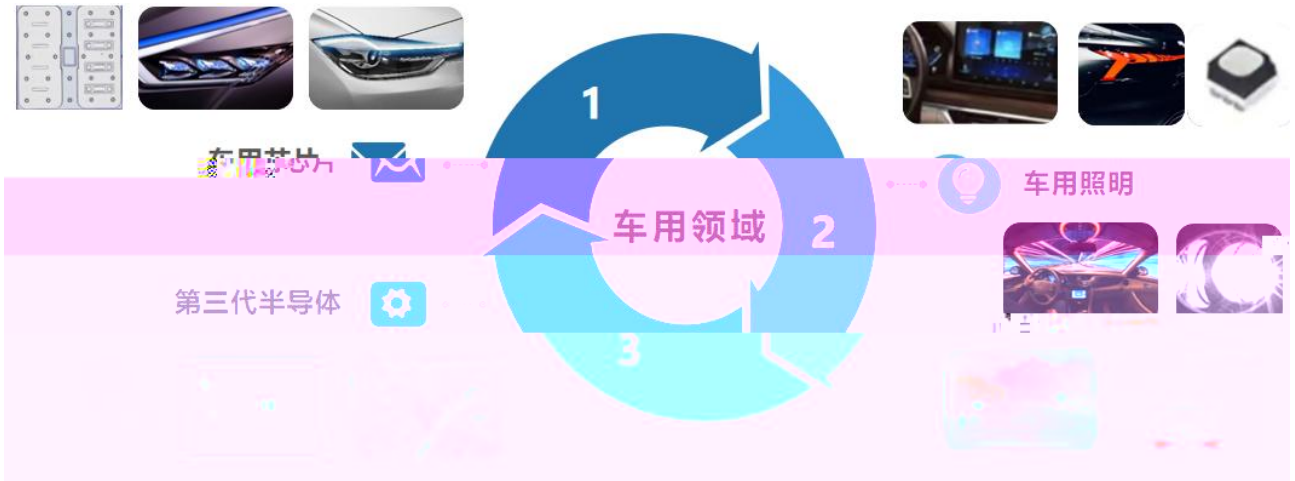
LED

LED		LED	
" "	"	"	"
LED	" 2020 - 2022		
2023			
175,874.41	0.51%	5,380.66	
37.45%		398.07%	
"	"	"	"
2023			
1		RS - 2727MMAT	RS-
C1515MBAM	RS- C1515MBAM		
5%		HUD	LED
	2016		
		1816	

Micro



公司产品主要应用领域



2	Mini /Micro LED		P1.0
MP	MP		
Micro LED	Mini /Micro LED		
"	"	0.39	Micro LED
	AR	Si C-MOS 1200V	Si C-SBD
650V/1200V	GaN-FET 650V	NSEAS	
	Si C-SBD 1200V10A	AEC-Q101	
3		39	82%
35		9	3
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"

" "

" "

ERP PDM SRM

W&S

"

"

MDM

30

23%

11.90%

"

5A

"

"

PCN+5G

"

"

"

"

"

"

"

"

"

2023- 2025

"

"

"

"

"

"

17

900

3

"

"

10

"

"

6 26

I SO 37301: 2021

GB/T 35770- 2022

8, 006. 88

2023

4. 55%

1118

738



16

" 863"

30

100

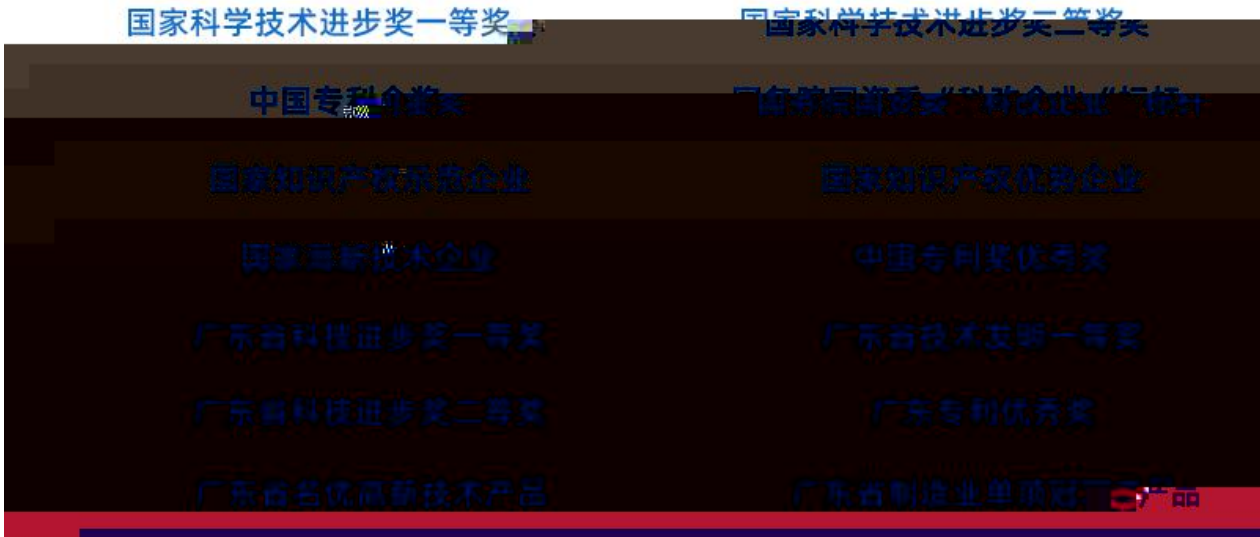
LED

Mini /Micro LED

Si C

GaN

部分获奖情况

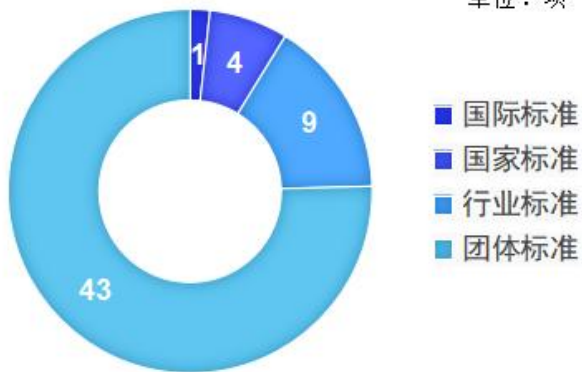


77

26

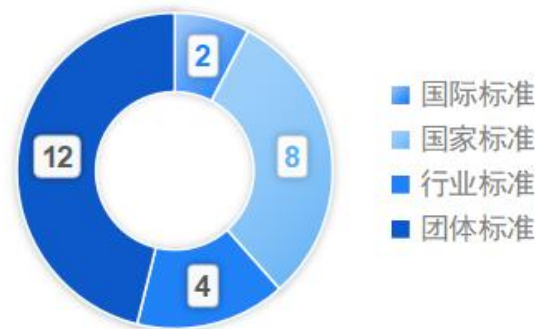
累计制定并发布实施标准

单位：项



累计在制标准

单位：项



"	"	"	"	"	"	LED
"	"	"	"	2022	"	"
"	"	"	"	LOGO	"	"
"	"	"	"	"	"	LED
"	"	2022	"	"	"	2023
"	"	"	50	"	"	"

部分产品应用案例	
2022北京冬季奥运会开幕式显示屏	新中国成立70周年群众游行和联欢活动显示屏
2021庆祝中国共产党100周年文艺演出舞台显示屏	2021央视春晚裸眼3D屏
广州北京路步行街裸眼3D曲面屏(百城千屏)	2017金砖国家峰会
2018博鳌亚洲论坛显示屏	2020央视中秋晚会LED舞台艺术屏
佛山岭南明珠塔亮化工程	太原南站西广场亮化工程
青岛火车北站亮化工程	石家庄地铁照明项目

3+1

2022

"

"

" "

5A " " "

"

"

" 123"

AGV

AI

"

"

	1, 758, 744, 095. 83	1, 749, 843, 891. 56	0. 51%	
	1, 537, 803, 485. 99	1, 504, 343, 535. 25	2. 22%	
	23, 139, 503. 62	23, 201, 882. 55	- 0. 27%	
	66, 416, 629. 05	66, 326, 949. 68	0. 14%	
	- 6, 856, 266. 98	- 12, 842, 288. 05	46. 61%	
	2, 896, 059. 62	15, 384, 707. 37	- 81. 18%	
	80, 068, 846. 02	83, 649, 200. 68	- 4. 28%	
	102, 905, 050. 77	20, 660, 583. 45	398. 07%	
	- 70, 643, 672. 98	- 249, 124, 713. 07	71. 64%	
	- 127, 085, 262. 10	229, 729, 708. 19	- 155. 32%	

	- 93, 112, 023. 88	5, 343, 988. 55	1, 842. 37 %	
	10, 303, 348. 11	7, 133, 091. 73	44. 44%	

	1, 758, 744, 095. 83	100%	1, 749, 843, 891. 56	100%	0. 51%
	1, 375, 684, 803. 60	78. 22%	1, 447, 885, 888. 47	82. 74%	- 4. 99%
	334, 053, 799. 81	18. 99%	267, 350, 712. 47	15. 28%	24. 95%
	49, 005, 492. 42	2. 79%	34, 607, 290. 62	1. 98%	41. 60%
1	56, 758, 543. 36	3. 23%	57, 483, 341. 92	3. 29%	- 1. 26%
2 LED	1, 268, 764, 050. 06	72. 14%	1, 300, 932, 727. 13	74. 33%	- 2. 47%
3	334, 053, 799. 81	18. 99%	275, 166, 509. 05	15. 73%	21. 40%
4	50, 162, 210. 18	2. 85%	81, 654, 022. 84	4. 67%	- 38. 57%
5	49, 005, 492. 42	2. 79%	34, 607, 290. 62	1. 98%	41. 60%
	1, 375, 601, 616. 74	78. 21%	1, 357, 025, 118. 52	77. 55%	1. 37%
	383, 142, 479. 09	21. 79%	392, 818, 773. 04	22. 45%	- 2. 46%

10%

	1, 268, 764, 050. 06	1, 031, 171, 359. 71	18. 73%	- 3. 06%	- 4. 72%	1. 42%
	334, 053, 799. 81	328, 819, 282. 01	1. 57%	24. 95%	24. 19%	0. 60%
LED	1, 268, 764, 050. 06	1, 031, 171, 359. 71	18. 73%	- 2. 47%	- 4. 06%	1. 34%
	334, 053, 799. 81	328, 819, 282. 01	1. 57%	21. 40%	20. 77%	0. 52%

	1, 252, 686, 628. 13	1, 042, 986, 343. 94	16. 74%	1. 80%	0. 78%	0. 85%
	350, 131, 221. 74	317, 004, 297. 78	9. 46%	1. 32%	1. 57%	-0. 23%

1

	Учредители	Доля в уставном капитале	Средства в распоряжении	Доля в уставном капитале
	2, 018, 680. 40	3. 56%		
	978, 980. 82	1. 73%		
	-12, 179, 181. 99	-21. 48%		
	∑ 291, 777. 98	0. 51%		
	1, 656, 786. 74	2. 92%		
	-2, 467, 862. 94	-4. 35%		
	110, 475. 52	0. 19%		

1

-5 99 J



1, 355, 824, 036. 70 21. 48% 1, 444, 714, 649. 54 21. 96% -0. 48%
 619, 695, 126. 59 9. 82% 527, 919, 696. 05 8. 0 47!

24Би8.

	661, 168, 136. 58	10. 48%	652, 281, 571. 44	9. 91%	0. 57%	
	104, 433, 292. 62	1. 65%	135, 368, 851. 58	2. 06%	-0. 41%	
	8, 226, 028. 48	0. 13%	4, 844, 718. 05	0. 07%	0. 06%	
	11, 369, 793. 10	0. 18%	19, 837, 560. 59	0. 30%	-0. 12%	
	731, 376, 423. 42	11. 59%	776, 944, 204. 25	11. 81%	-0. 22%	
	816, 034, 973. 67	12. 93%	934, 994, 857. 97	14. 21%	-1. 28%	
	1, 255, 859. 50	0. 02%	3, 205, 889. 51	0. 05%	-0. 03%	
	66, 977, 821. 16	1. 06%	81, 931, 566. 83	1. 25%	-0. 19%	

2

3

1.	60, 004, 849. 31	978, 980. 82			110, 000, 000. 00	90, 000, 00 0. 00		80, 983, 830 . 13
2.	135, 368, 851. . 58						- 30, 935, 558. 96	104, 433, 29 2. 62
3.	41, 059, 860. 92					981, 292 1 2		40, 078, 568 . 80
	236, 433, 561 . 81	978, 980. 82			110, 000, 000. 00	90, 981, 29 2. 12	- 30, 935, 558. 96	225, 495, 69 1. 55
	236, 433, 561 . 81	978, 980. 82			110, 000, 000. 00	90, 981, 29 2. 12	- 30, 935, 558. 96	225, 495, 69 1. 55
	0. 00							0. 00

4

	230, 025, 534. 02	
	519, 326, 305. 62	
	749, 351, 839. 64	--

1

30, 578, 843. 07	113, 409, 691. 22	- 73. 04%

2

3

LED			LED	1, 013, 238. 54	893, 583, 036. 37		97. 83 %				2019 01 10	LED
			LED	6, 577, 577. 63	470, 526, 532. 66		27. 44 %				2020 08 07	
	--	--	--	7, 590, 816. 17	1, 364, 10 9, 569. 03	--	--	0. 00	0. 00	--	--	--

4

1

2

1		24,041.53	66.07%	-
1,996.66	162.30%			
2		33,457.75	25.15%	9.83
	90.95%			
3		5,332.87	37.31%	-176.61
	125.07%			

1

2

LED

LED

3

1

2023		23.63%	2023 03 31	2023 04 01	1. 2023 2. < 3. > 4. 5.
2022		21.89%	2023 04 27	2023 04 28	1. 2022 2. 2022 3. 2022 4. 2022 5. 2022 6. 2022 2023 2023 7. 8.

2

2022



1. 2020 1 19
 914406001935264036001X 5
2. 2022 11 21
 : 91440600570160743B001Q 5
3. 2020 2 27
 91440000725451562J001Y 5

1			2005 4 12	B2005-0132
2			2007 10 10	[2007] 161

3	2005 20	12	D2006-0034
4	2006 22	3	FBC2006-02
5	2007 10	10	[2007] 163
6	2009 29	7	CB2009-0083
7	2010 7	5	[2010] 35
8	2011 8	11	ZCB2011-020
9	2015 24	6	[2015] 35
10	2008 21	1	F2008-8
11			

23	LED	LED	2016 20	5	2016-4-032
24		LED	2016 1	11	CB2016-4-205
25		LED	2017 11	4	2017-4-110
26		LED	2016 1	11	CB2016-4-206
27		LED	2017 11	4	2017-4-111
28		LED	2017 8	12	CB2017-4-065
29		LED	2017 8	12	CB2017-4-064
30		LED	2023 31	3	[2023] 4
31			2020 19	1	914406001935264036001X
32	()		2016 14	7	[2016] 746
33	()		2017 3	5	[2017] 426
34			2022 21	11	91440600570160743B001Q
35			2004 12	2	[2004] 15
36			2006 15	12	[2006] 153
37			2007 2	2	[2007] 17
38			2007 19	11	[2007] 166
39			2006 6	11	[2006] 242
40			2007 11	12	[2007] 168
41	20		2011 17	8	[2011] 272
42	20		2015 19	3	[2015] 44
43	SCP-SOT		2014 4	7	[2014] 130
44		SCP-SOT	2017 11	1	[2017] 6

45			2008 2 23	[2008] 25
46			2017 6 14	[2017] 151
47			2020 2 27	91440000725451562J001Y

		COD	1		COD: 8mg/L : 0.067mg/L	(GB39731- 2020) 1	COD: 0.24 t/a : 0.002 01t/a	/		
		VOCs	2		VOCs: 0.215mg/m ³ : 2.79mg/m ³ <20mg/m ³	DB44/814- 2010 VOCs	VOCs: 0.0 4t/a : 0.535 68 t/a	/		
			/	/	57 49 dB(A)	GB12348- 2008 2	/	/		
		COD	1		PH 6-9 COD 90mg/L 20mg/L 60mg/L 10mg/L 10mg/L	DB44/26- 2001	COD: 0.67 t/a 0.000515 t/a	COD 3.12 9t/a 0.20 1t/a		
			6		500mg/m ³ ; 120mg/m ³ ; 120mg/m ³ 20mg/m ³ 6000mg/m ³	DB44/247- 2001	: 0t/a; : 2.323 31t/a VOCs 0.4589t/ a	: 0 .25t /a; : 1 1.96 t/a		

		VOCs				100mg/m ³ 9mg/m ³ 65mg/m ³ 35mg/m ³ 1mg/m ³ 20mg/ VOCs 30mg/m ³	DB44/814- 2010 VOCs		VOCs 2.45 t/a	
				/	/	60 50 dB(A)	GB12348- 2008 2	/	/	
		PH COD		1		PH(6-9); COD(500mg/L); (2.0mg/L);	DB44/26— 2001	COD: 0.21 9t/a	/	
		VOCs		7		120mg/m ³ 100mg/m ³ 35mg/m ³	DB44/27- 2001	0.018t/a VOCs: 0.1 27t/a	/	
				/	/	65 55 dB(A)	GB12348- 2008 3	/	/	

+

Scrubber

+

UV +

+MBR +RO

1 LED VOCs
+
DB 44/27-2001 DB
44/814-2010 DB44/ 2367—2022

2 LED COD
+
GB 39731-2020
3

1 LED Edwards
DB44/27-2001
GB14554-93 2 30m
LED
Scrubber +
DB44/27-2001
LED

UV +

DB44/814-2010

2 LED COD SS

DB44/26-2001

3

1

+

DB44/27-2001

2 COD

MBR RO

DB44/26-2001

3

			/	/					
1		39.5	2017 4	2017 5			600t/d	200t/d	24h/d
2		259	2023 5	2023 6		+	40000m ³ /h	40000m ³ /h	24h/d
3			2023 5	2023 6		+	40000m ³ /h	40000m ³ /h	24h/d
4		356.7	2012 9	2012 12			1080t/d	293.92t/d	24h/d

5	MOCVD	209. 63 84	2012 9	2012 11		Edwards	22000nř/h	12806nř/h	24h/d
6	MOCVD	209. 63 84	2012 9	2012 11		Edwards	22000nř/h	13308nř/h	24h/d
7		348. 40 5	2012 9	2012 11			45000nř/h	11258nř/h	24h/d
8		348. 40 5	2012 9	2012 11			40000nř/h	12097nř/h	24h/d
9		348. 40 5	2012 9	2012 11		UV +	40000nř/h	18733nř/h	24h/d
10		348. 40 5	2012 9	2012 11		UV +	20000nř/h	12625nř/h	24h/d
11		251	2016 3	2016 10		RO	140t/d	70t/d	24h/d
12		20	2005 8	2006 1		+	15000nř/h	7728nř/h	24h/d
13		20	2005 8	2006 1		+	15000nř/h	7728nř/h	24h/d
14		20	2005 8	2006 1		+	15000nř/h	7728nř/h	24h/d
15		20	2005 8	2006 1		+	15000nř/h	7728nř/h	24h/d
16		19	2006 1	2006 8			11000nř/h	9000nř/h	24h/d
17		19	2006 1	2006 8			11000nř/h	9000nř/h	24h/d
18		19	2006 1	2006 8			11000nř/h	9000nř/h	24h/d

2020

440604- 2020- 032- L

2020

440600- 2020- 047- M

2022

440112- 2022- 032- L

1.7



2023

16.52%

3.38%

1

104

2

500kVø

18.5

3

30%

13.3

11.7

2023

2.5%

1.

8.5%

2.

3.

2023

25.6%

1.

2.

3.

ISO 14001: 2015

1.

2.

o

"

"

" "

" "

•

"

9

7

150

15

114%

2023

"

"

3.

4.

"

"

()			()	()	()		
13	2,063.59		6 3	4	7	3	



				--	--	2,879 .65	--	22,900	--	--	--	--	--

2

3

4

5

6

7

2023 3 1

9

10

1

	2023 03 02	

1

1

2

3

		1846 81m ²	121, 890. 00 /	2021 12 2	2023 12 1	
		7 707 709 711 713 715 717 240m ²	235, 872. 00 /	2022 12 16	2023 12 15	

			36,936.00 /	2022 5 / 16	2023 5 / 15	
		7 710 4 38m ²	3,150.96 /	2023 5 / 16	2023 12 / 15	
			126,000 / 5%	2018 1 / 1	2025 2 / 28	
		2 10 300m ²	9,240 /	2022 10 / 1	2023 9 / 30	

10%

10%

2

3

Σ< 0	0			
		11,000	8,000	0
		11,000	8,000	0

0
↓

'00

																		2022 -015
			8,0 00	--	--	--	--	--	--	115 .7	92 84	--	0	- -	--	--	--	

4

1

	6,036,810	0.98%				-742,425.00	-742,425.00	5,294,385	0.86%
1									
2									
3	6,036,810	0.98%				-742,425.00	-742,425.00	5,294,385	0.86%
	6,036,810	0.98%				-742,425.00	-742,425.00	5,294,385	0.86%
4									
	612,440,359	99.02%				742,425.00	742,425.00	613,182,784	99.14%
1	612,440,359	99.02%				742,425.00	742,425.00	613,182,784	99.14%
2									
3									
4									
	618,477,169	100.00%				0	0	618,477,169	100.00%

2

	1, 579, 500			1, 579, 500		-
	1, 487, 460			1, 487, 460		-
	2, 969, 850	742, 425		2, 227, 425		
	6, 036, 810	742, 425	0	5, 294, 385	--	--

		45, 557		8		0
		5%	10			
		12.90%	79, 753, 050	0	0	79, 753, 050
		8.58%	53, 066, 845	0	0	53, 066, 845
		2.58%	15, 965, 600	1, 986, 887	0	15, 965, 600
		1.62%	10, 000, 000	0	0	10, 000, 000
		1.41%	8, 707, 580	7, 950, 964	0	8, 707, 580
		0.96%	5, 957, 250	0	0	5, 957, 250
		0.79%	4, 857, 910	0	0	4, 857, 910
		0.63%	3, 913, 000	0	0	3, 913, 000

		0.61%	3,751,000	0	0	3,751,000		
		0.55%	3,411,760	0	0	3,411,760		
		10 3						
			100%					
		/						
10		11						
		10						
			79,753,050				79,753,050	
			53,066,845				53,066,845	
			15,965,600				15,965,600	
			10,000,000				10,000,000	
			8,707,580				8,707,580	
			5,957,250				5,957,250	
			4,857,910				4,857,910	
			3,913,000				3,913,000	
			3,751,000				3,751,000	
			3,411,760				3,411,760	
10 10		10	100%					
10		4	10 12,845,600	4	3		10,000,000	

10 10
 10 10

2022



1

2023 06 30

	2023 6 30	2023 1 1
	1, 355, 824, 036. 70	1, 444, 714, 649. 54
	80, 983, 830. 13	60, 004, 849. 31
	661, 168, 136. 58	652, 281, 571. 44
	619, 695, 126. 59	527, 919, 696. 05
	104, 433, 292. 62	135, 368, 851. 58
	17, 099, 194. 00	16, 865, 463. 66

	19, 428, 886. 26	18, 162, 624. 70
	40, 078, 568. 80	41, 059, 860. 92
	3, 566, 599. 06	3, 629, 196. 04
	1, 938, 391, 259. 23	2, 098, 546, 365. 07
	447, 133, 267. 16	447, 194, 804. 02
	151, 141. 30	332, 511. 10
	105, 390, 878. 03	106, 718, 770. 02
	20, 335, 544. 18	24, 269, 065. 78
	27, 530, 580. 97	27, 530, 580. 97
	21, 028, 512. 20	19, 365, 696. 34
	2, 623, 035, 237. 19	2, 786, 809, 474. 96
	6, 310, 970, 021. 75	6, 579, 814, 806. 63
	731, 376, 423. 42	776, 944, 204. 25
	816, 034, 973. 67	934, 994, 857. 97
	41, 468, 661. 25	53, 239, 153. 01
	54, 283, 832. 52	68, 083, 159. 90
	14, 698, 830. 25	17, 913, 329. 73
	167, 217, 618. 18	164, 772, 922. 75

	60,194,931.07	60,559,364.15
	1,255,859.50	3,205,889.51
	1,886,531,129.86	2,079,712,881.27
	485,094,132.63	565,018,902.96
		7,260.25
	66,977,821.16	81,931,566.83
	102,127,054.65	99,600,134.69
	654,199,008.44	746,557,864.73
	2,540,730,138.30	2,826,270,746.00
	618,477,169.00	618,477,169.00
	1,451,904,841.32	1,451,904,841.32
	304,379,643.45	304,379,643.45
	1,395,433,906.80	1,378,735,910.78
	3,770,195,560.57	3,753,497,564.55
	44,322.88	46,496.08
	3,770,239,883.45	3,753,544,060.63
	6,310,970,021.75	6,579,814,806.63

2

	2023 6 30	2023 1 1
	1,287,572,881.20	1,358,230,135.65
	80,983,830.13	60,004,849.31
	635,591,411.85	635,806,929.92

	524, 079, 058. 08	461, 653, 030. 84
	93, 839, 029. 34	123, 183, 083. 53
	2, 457, 889. 87	2, 197, 316. 55
	185, 042, 051. 26	173, 426, 130. 60
	666, 982, 318. 59	767, 045, 063. 44
	5, 262, 900. 18	9, 325, 540. 12
	3, 481, 811, 370. 50	3, 590, 872, 079. 96
	939, 805, 014. 18	938, 538, 752. 62
	37, 078, 568. 80	38, 059, 860. 92
	1, 400, 724, 022. 76	1, 509, 627, 923. 32
	439, 820, 777. 23	435, 369, 948. 80
	47, 483. 59	104, 464. 03
	91, 304, 638. 45	92, 297, 167. 74
	19, 681, 732. 16	23, 522, 688. 16
	19, 253, 201. 05	19, 253, 201. 05
	18, 752, 550. 51	18, 478, 863. 25
	2, 966, 467, 988. 73	3, 075, 252, 869. 89
	6, 448, 279, 359. 23	6, 666, 124, 949. 85
	765, 290, 056. 83	784, 661, 154. 85
	711, 260, 631. 94	852, 442, 126. 42
	11, 084, 300. 76	25, 379, 841. 01
	38, 543, 233. 67	43, 978, 757. 37

	11, 005, 058. 92	4, 594, 030. 84
	188, 215, 453. 35	186, 966, 964. 74
	60, 085, 490. 98	60, 322, 923. 28
	1, 019, 828. 09	2, 802, 863. 90
	1, 786, 504, 054. 54	1, 961, 148, 662. 41
	485, 094, 132. 63	565, 018, 902. 96
		7, 260. 25
	43, 746, 368. 60	47, 270, 884. 27
	102, 065, 554. 65	99, 538, 634. 69
	630, 906, 055. 88	711, 835, 682. 17
	2, 417, 410, 110. 42	2, 672, 984, 344. 58
	618, 477, 169. 00	618, 477, 169. 00
	1, 401, 011, 960. 04	1, 401, 011, 960. 04
	304, 379, 643. 45	304, 379, 643. 45
	1, 707, 000, 476. 32	1, 669, 271, 832. 78
	4, 030, 869, 248. 81	3, 993, 140, 605. 27
	6, 448, 279, 359. 23	6, 666, 124, 949. 85

3

	1, 537, 803, 485. 99	1, 504, 343, 535. 25
	10, 303, 348. 11	7, 133, 091. 73
	23, 139, 503. 62	23, 201, 882. 55
	66, 416, 629. 05	66, 326, 949. 68
	80, 068, 846. 02	83, 649, 200. 68
	- 6, 856, 266. 98	- 12, 842, 288. 05
	8, 409, 207. 32	560, 769. 75
	15, 756, 709. 20	8, 898, 884. 71
	21, 735, 879. 51	30, 397, 295. 24
" "	2, 018, 680. 40	1, 492, 690. 71
	1, 470, 664. 40	992, 611. 79
" -"		
" "		
" "	978, 980. 82	205, 970. 11
" -"	- 2, 467, 862. 94	- 3, 573. 86
" -"	- 12, 179, 181. 99	- 15, 315, 080. 86
" -"	110, 475. 52	81, 993. 80
" "	58, 065, 521. 34	94, 890, 814. 86
	291, 777. 98	8, 072, 026. 39
	1, 656, 786. 74	1, 544, 778. 50
" "	56, 700, 512. 58	101, 418, 062. 75
	2, 896, 059. 62	15, 384, 707. 37
" "	53, 804, 452. 96	86, 033, 355. 38
1. "	53, 804, 452. 96	86, 033, 355. 38
2		

" "		
1.	53, 806, 626. 16	86, 025, 165. 87
2.	- 2, 173. 20	8, 189. 51
		- 82, 079. 98
		- 82, 079. 98
1.		
2.		
3.		
4.		
5.		
		- 82, 079. 98
1.		
2.		
3.		
4.		
5.		
6.		- 82, 079. 98
7.		
	53, 804, 452. 96	85, 951, 275. 40
	53, 806, 626. 16	85, 943, 085. 89
	- 2, 173. 20	8, 189. 51
	0. 0870	0. 1391
	0. 0870	0. 1391
	0. 00	0. 00

4

	2023	2022
	1, 284, 735, 290. 59	1, 306, 080, 582. 33
	1, 072, 968, 651. 06	1, 091, 537, 416. 30
	7, 529, 673. 93	3, 850, 530. 41
	19, 787, 873. 66	19, 860, 207. 78
	49, 269, 736. 13	48, 276, 561. 21
	63, 749, 572. 18	68, 631, 997. 12

	- 7, 455, 076. 33	- 11, 250, 033. 59
	8, 409, 207. 32	180, 666. 67
	15, 164, 864. 98	8, 637, 501. 30
	9, 092, 855. 30	11, 745, 854. 30
" "	2, 018, 680. 40	1, 492, 690. 71
	1, 470, 664. 40	992, 611. 79
" -"		
" "		
" "	978, 980. 82	205, 970. 11
" -"	- 1, 923, 494. 02	119, 384. 70
" -"	- 10, 029, 162. 91	- 7, 513, 016. 61
" -"	- 112, 347. 52	58, 411. 38
" "	78, 910, 372. 03	91, 283, 197. 69
	2, 177. 39	8, 027, 413. 69
	1, 548, 355. 78	1, 086, 889. 09
" "	77, 364, 193. 64	98, 223, 722. 29
	2, 526, 919. 96	14, 734, 219. 75
" "	74, 837, 273. 68	83, 489, 502. 54
" "	74, 837, 273. 68	83, 489, 502. 54
" "		
1.		
2.		
3.		
4.		
5.		
1.		
2.		

	110,000,000.00	30,000,000.00
	163,809,123.03	249,826,336.06
	-70,643,672.98	-249,124,713.07
		240,100,000.00
	381,437.71	53,126,214.00
	381,437.71	293,226,214.00
	80,000,000.00	32,437,038.15
	45,163,271.79	30,933,720.88
	2,303,428.02	125,746.78
	127,466,699.81	63,496,505.81
	-127,085,262.10	229,729,708.19
	1,711,860.43	4,078,409.98
	-93,112,023.88	5,343,988.55
	1,212,240,350.18	801,114,975.16
	1,119,128,326.30	806,458,963.71

6

	2023	2022
	1,188,080,010.92	1,503,889,662.98
		1,612,082.73
	166,614,196.98	134,968,069.99
	1,354,694,207.90	1,640,469,815.70
	854,904,960.44	1,293,538,215.46
	148,420,156.93	163,044,409.43
	42,709,368.30	21,800,591.25
	188,704,371.23	148,800,929.63
	1,234,738,856.90	1,627,184,145.77
	119,955,351.00	13,285,669.93
	90,981,292.12	
	782,157.93	512,961.03
	756,000.00	160,500.00
	92,519,450.05	673,461.03
	51,065,818.09	210,039,233.69

	110,000,000.00	48,750,000.00
	161,065,818.09	258,789,233.69
	-68,546,368.04	-258,115,772.66
		240,100,000.00
		47,489,817.30
		287,589,817.30
	80,000,000.00	
	45,163,271.79	30,553,617.80
	2,010,981.05	30,887.68
	127,174,252.84	30,584,505.48
	-127,174,252.84	257,005,311.82
	654,758.32	1,980,950.90
	-75,110,511.56	14,156,159.99
	1,126,221,633.05	717,726,309.30
	1,051,111,121.49	731,882,469.29

7

	2023																
	618,477,169.00				1,451,904.84				304,379,643.45				1,378,735.91		3,753,497.56	46,496.08	3,753,544.06
	618,477,169.00				1,451,904.84				304,379,643.45				1,378,735.91		3,753,497.56	46,496.08	3,753,544.06

	69, 00				,84 1.3 2				43. 45		,91 0.7 8		,56 4.5 5		,06 0.6 3
" "											16, 697 ,99 6.0 2		16, 697 ,99 6.0 2	- 2,1 73 20	16, 695 ,82 2.8 2
											53, 806 ,62 6.1 6		53, 806 ,62 6.1 6	- 2,1 73 20	53, 804 ,45 2.9 6
1															
2															
3															
4															
											- 37, 108 ,63 0.1 4		- 37, 108 ,63 0.1 4		- 37, 108 ,63 0.1 4
1															
2															
3											- 37, 108 ,63 0.1 4		- 37, 108 ,63 0.1 4		- 37, 108 ,63 0.1 4
4															
1															
2															

3														
4														
5														
6														
1														
2														
	618,477,169.00			1,451,904,841.32				304,379,643.45		1,395,433,906.80		3,770,195,560.57	44,322.88	3,770,239,883.45

	2022														
	618,477,169.00			1,481,165,594.96		-527,516.91		291,160,454.89		1,354,675,761.77		3,744,951,463.71	-117,113.3	3,744,834,350.8	
				239,558,546.36						-53,136,580.80		186,421,965.56	229,674.84	186,651,640.40	

	618,477,169,00				1,720,724,141.32		-527,516.91		291,160,454.89		1,301,539,180.97		3,931,373,429.27	112,561.71	3,931,485,990.98
" "							-82,079.98				55,101,307.42		55,019,227.44	8,189.51	55,027,416.95
							-82,079.98				86,025,165.87		85,943,085.89	8,189.51	85,951,275.40
1															
2															
3															
4															
											-30,923,858.45		-30,923,858.45		-30,923,858.45
1															
2															
3											-30,923,858.45		-30,923,858.45		-30,923,858.45
4															
1															

" "										8, 643 . 54		8, 643 . 54
										74, 83 7, 273 . 68		74, 83 7, 273 . 68
1												
2												
3												
4												
										- 37, 10 8, 630 . 14		- 37, 10 8, 630 . 14
1												
2										- 37, 10 8, 630 . 14		- 37, 10 8, 630 . 14
3												
1												
2												
3												
4												
5												
6												

BEVTE

2023

1										
2										
	618,477,169.00			1,401,011,960.04			304,379,643.45	1,707,000,476.32		4,030,869,248.81



JP' 4

BEVTE

4												
										-		-
										30,92		30,92
										3,858		3,858
										.45		.45
1												
2										-		-
										30,92		30,92
										3,858		3,858
										.45		.45
3												
1												
2												
3												
4												
5												
6												
1												
2												
	618,4				1,470				291,1	1,633		4,013
	77,16				,489,			60,45	,788,	,915,		,915,
	9.00				606.5			4.89	638.2	868.6		868.6
					0				8	7		7

" " " "

" "

			2002	9	30			
	"		2002	73	"			
			2002	12	4			
4406001008039						1,500		
		450			30		675	
	45	9			375	25		
2003	3	20					2003	
		500				330.50	9	
	169.50						2,000	
	22.5%							
2004	9	30				"	2004	137
		"	2004	259	"			
						22.5%		
2005	3	30	2005				2005	
		1,000			400			
	600					3,000		
2006	12	11						
		4,000					2,619.99	
	65.50%				120		3%	
	1,260.01				31.50%			
2007	3	1	2007					
						2007	6	
					754.19		18.85%	
		294			7.35%			172
	4.30%				2,779.81		69.50%	
2007	7	9						
			2007	8	3			
440600000000669						16,000		

2009	11	28		2009			
				5,500			21,500
2010	6	1		"	[2010]	751	"
				002449			5,500
				21,500			(2010)
19880							
	"	2011		"	2012	3	26
2012	4	18	"	2011	"		2011
21,500				10	10		21,500
21,500				43,000			
				2012	810A111		
	2014	9	28				2014
				"	[2015]	1084	"
				2015	6		8.98
15							A 45,751,669
				475,751,669			2015 7 3
							20.16%
2018	4	18		2017			2017
				475,751,669		10	3
							142,725,500
				618,477,169			
2022	2	24					
				52,051,945			
				0.16%			
	100%			12.9%			
21.48%							
				t			

LED

914406001935264036

18

2023 8 25

2023 06 30

- 1
- 2
- 3
- 4
- 5

2020 11 11

2022 9 7

2023 4 6

2023

2

1

2

1 1 12 31

3

12

4

5

1.

a.

b.

c.

d.

2

3.

4.

6

1.

2

1

- a.
- b.
- c.
- d.

3

4

7

1.

2

8 --

8

--

8

3

9

1.

2

"

"

10

()

()

1

- a.
- b.
- c.

1

4

5

a.

b.

2

1

3

1

a.

b.

2

4

1

2

3

1 2

a.

b.

1

a.

b.

2

a.

b.

5

6

a.

12

b.

c.

12

1

a.

b.

c.

d.

e.

2

a.

b.

c.

d.

e.

f.

3

a.

b.

c.

4

7

a.

b.

11

12

		%
1	1	2.00
1-2		10.00
2-3		30.00
3-4		50.00
4-5		80.00
5		100.00

13

14

10'

2

3

" " " "

" " " "

" "

17

1

2

3

1

2

1 2

18

8 ---

1

2

19

20

21

22

1.

5

2

3

22 --

22 --

22 --

22 --

4.

a.

b.

c.

d.

22 —

5.

23

1.

1

2

2

1

2

3

4

3.

4 -

6 -

4.

24

1

2

26

1

a.

b.

c.

2

3

CqO μ ũ > È65È * s CqFG È “ L” J s CqF NivÄ OÖ+Q´ MŽ
0 p i f i F9CqCt x,´

3

4

,´ MŽF

CqCt D,´ Cq+Q CqCqF (–6 s CqFG È. Cq à O O CqO-ß X, p

27

28

29

F C t x

s

30

1

1.

1

2

3

2

1

17 -

2

3

7 -

12 -

16

-

20 -

3.

2

1

2

3

4

5

31

32

33

" " " " " " "

34

1

1.

1

2

3

4

5

6

7

8

2

3

1

2

4

35

36

1.

1

2

3

2

37

38

39

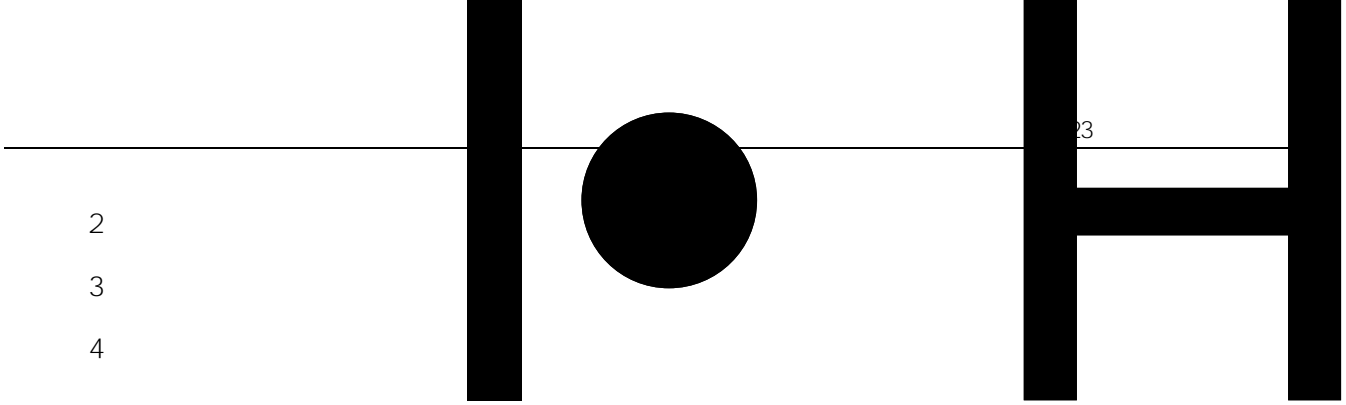
1.

1

2

3

1



2

3

4

5

6

2

1

2

3

40

1.

2

1

2

2

3.

1

4.

1

2

1

2

41

/

()

1.

a.

b.

2

a.

b.

c.

3.

a.

b.

42

1

2

43

44

1

2

3 2023

45

1

		13%
		7%
		15% 25%

--

25%
25%
25%

	1, 355, 824, 036. 70	1, 444, 714, 649. 54
	230, 025, 534. 02	228, 282, 928. 54

2

	80, 983, 830. 13	60, 004, 849. 31
	80, 983, 830. 13	60, 004, 849. 31

20, 978, 980. 82 34. 96%

3

--	--	--

4

1

	600, 770, 277. 19	616, 988, 311. 03
	60, 397, 859. 39	35, 293, 260. 41
	661, 168, 136. 58	652, 281, 571. 44

	662, 400, 745. 96	100. 00%	1, 232, 609. 38	0. 19%	661, 168, 136. 58	653, 001, 842. 06	100. 00%	720, 270. 62	0. 11%	652, 281, 571. 44

600,770 ,277.19	90.70%			600,770 ,277.19	616,988 ,311.03	94.48%			616,988 ,311.03
61,630 468.77	9.30%	1,232,6 09.38	2.00%	60,397, 859.39	36,013, 531.03	5.52%	720,270 .62	2.00%	35,293, 260.41
662,400 ,745.96	100.00%	1,232,6 09.38	0.19%	66.90					

5

--	--

6

--	--

--	--	--	--	--	--

5

1

	7, 498, 0 65. 32	1. 17%	7, 498, 0 65. 32	100. 00%		7, 643, 3 86. 32	1. 40%	7, 643, 3 86. 32	100. 00%	
	633, 244 , 560. 67	98. 83%	13, 549, 434. 08	2. 14%	619, 695 , 126. 59	539, 511 , 476. 22	98. 60%	11, 591, 780. 17	2. 15%	527, 919 , 696. 05
	633, 244 , 560. 67	98. 83%	13, 549, 434. 08	2. 14%	619, 695 , 126. 59	539, 511 , 476. 22	98. 60%	11, 591, 780. 17	2. 15%	527, 919 , 696. 05
	640, 742 , 625. 99	100. 00%	21, 047, 499. 40	3. 28%	619, 695 , 126. 59	547, 154 , 862. 54	100. 00%	19, 235, 166. 49	3. 52%	527, 919 , 696. 05

--	--

1	5,711,450.39	5,711,450.39	100.00%	
2	815,484.27	815,484.27	100.00%	
3	761,769.31	761,769.31	100.00%	
4	171,282.32	171,282.32	100.00%	
5	21,928.68	21,928.68	100.00%	
6	16,150.35	16,150.35	100.00%	
	7,498,065.32	7,498,065.32		

1 (1)	630,768,834.85	12,615,376.70	2.00%
1 2 (2)	1,304,030.97	130,403.11	10.00%
2 3 (3)	487,040.10	146,112.03	30.00%
3 4 (4)	33,991.61	16,995.81	50.00%
4 5 (5)	50,583.53	40,466.82	80.00%
5	600,079.61	600,079.61	100.00%
	633,244,560.67	13,549,434.08	

1 1		630,768,834.85
1 2		2,095,763.19
2 3		489,514.25
3		7,388,513.70
3 4		897,898.59
4 5		4,985,969.25
5		1,504,645.86
		640,742,625.99

2

	7,643,386.32			145,321.00	7,498,065.32
	11,591,780.17	1,817,653.91	140,000.00		13,549,434.08
	19,235,166.49	1,817,653.91	140,000.00	145,321.00	21,047,499.40

1		140,000.00
		140,000.00

3

		145,321.00

104433

1		145,321.00			
		145,321.00			

4

--	--	--

1 43,404,647

☑

☑

7

1

1	16, 250, 568. 07	95. 04%	15, 448, 641. 54	91. 60%
1 2	421, 502. 07	2. 46%	1, 027, 845. 31	6. 09%
2 3	98, 451. 44	0. 58%	66, 724. 70	0. 40%
3	328, 672. 42	1. 92%	322, 252. 11	1. 91%
	17, 099, 194. 00		16, 865, 463. 66	

1

2

1		8, 853, 527. 27	1	51. 78%
2		1, 210, 413. 70	1	7. 08%
3		744, 065. 50	1-2	4. 35%
4		701, 233. 00	1	4. 10%
5		450, 540. 00	1	2. 63%
		11, 959, 779. 47		69. 94%

8

	8, 226, 028. 48	4, 844, 718. 05
	8, 226, 028. 48	4, 844, 718. 05

1

1

2

--	--	--	--	--

3

2

1

--	--	--	--

2

1

--	--	--	--	--

3

3

1

	7,115,752.01		3,090,628.01
	26,989,191.33		27,405,854.34
	2,304,532.11		2,393,812.40
	36,409,475.45		32,890,294.75

2

	12	()	()	
2023	1 1	145,041.56	1,867,691.19	26,032,843.95
2023	1 1			28,045,576.70

		72,350.27	57,420.00	8,100.00	137,870.27
2023	6 30	217,391.83	1,925,111.19	26,040,943.95	28,183,446.97

1	1				12,747,829.24
1	2				170,684.22
2	3				51,000.00
3					23,439,961.99
3	4				410,000.00
4	5				600,000.00
5					22,429,961.99
					36,409,475.45

3

	28,045,576.70	137,870.27				28,183,446.97
	28,045,576.70	137,870.27				28,183,446.97

--	--	--

4

--	--

--	--	--	--	--	--

5

1		20,000,000.00	5	54.92%	20,000,000.00
2		5,000,000.00	1	13.73%	5,000,000.00
3		4,000,000.00	1	11.00%	80,000.00
4		1,669,787.65	1	4.59%	
5		816,441.49	5	2.24%	816,441.49
		31,486,229.14		86.48%	25,896,441.49

6

--	--	--	--	--

7

8

9

1

	176,036,669. 48	1,079,509.40	174,957,160. 08	191,023,059. 26	925,922.81	190,097,136. 45
	220,972,056. 32		220,972,056. 32	202,796,033. 98		202,796,033. 98
	290,521,427. 81	88,470,168.4 0	202,051,259. 41	320,985,329. 66	85,989,708.5 2	234,995,621. 14
	232,362,587. 17	1,207,716.62	231,154,870. 55	308,360,321. 21	5,081,141.33	303,279,179. 88
	919,892,740. 78	90,757,394.4 2	829,135,346. 36	1,023,164,74 4.11	91,996,772.6 6	931,167,971. 45

2

	925, 922. 81	153, 586. 59			1, 079, 509. 40
	85, 989, 708. 52	12, 025, 595. 40		9, 545, 135. 52	88, 470, 168. 40
	5, 081, 141. 33			3, 873, 424. 71	1, 207, 716. 62
	91, 996, 772. 66	12, 179, 181. 99		13, 418, 560. 23	90, 757, 394. 42

3

4

10

--	--	--

			/	
--	--	--	---	--

11

--	--	--	--	--	--	--

12

--	--	--

/

--	--	--	--	--	--	--	--	--

13

	6,005,768.73	17,625,954.85
	3,629,968.92	318,672.81
	1,734,055.45	1,892,932.93
	11,369,793.10	19,837,560.59

8,467,767.49 42.69%

14

--	--	--	--	--	--	--

--	--	--	--	--	--	--	--

	12	()	()
2023	1	1	

15

--	--	--	--	--	--	--	--	--	--

	12	()	()	
2023	1	1		

16

1

	12	()	()	
2023	1	1		

2

3

17

	18,162,624.70			1,470,664.40			204,402.84			19,428,886.26
	18,162,624.70			1,470,664.40			204,402.84			19,428,886.26
	18,162,624.70			1,470,664.40			204,402.84			19,428,886.26

2020 7 30

49%

18

	3,000,000.00	3,000,000.00
	7,078,568.80	8,059,860.92
	30,000,000.00	30,000,000.00
	40,078,568.80	41,059,860.92

	52,364.46	653,627.87			
		4,080.96			

1

LED

300

6300

21

300

4.76% 2019 10 3 7200
 4.17%
 2

2023 6 30

1,000
 3,575,059.07 2,921,431.20 3.98%
 3

2021 10 28

3,000

2,290
 109,922 2.083%

19

--	--	--

20

1

1.	4,612,409.88			4,612,409.88
2				
1				
2 \ \				
3				
3.				
1				
2				
4.	4,612,409.88			4,612,409.88
1.	983,213.84			983,213.84
2	62,596.98			62,596.98
1	62,596.98			62,596.98

3				
1				
2				
4.	1, 045, 810. 82			1, 045, 810. 82
1.				
2				
1				
3.				
1				
2				
4.				
1.	3, 566, 599. 06			3, 566, 599. 06
2	3, 629, 196. 04			3, 629, 196. 04

2

3

--	--	--

21

	1, 936, 338, 301. 69	2, 096, 181, 710. 46
	2, 052, 957. 54	2, 364, 654. 61
	1, 938, 391, 259. 23	2, 098, 546, 365. 07

1

1.	532, 563, 980 . 87	3, 856, 793, 639 . 61	25, 143, 672 . 66	7, 664, 431. 71	58, 752, 901. 28	4, 480, 918, 626. 13
2		25, 404, 257. 30	259, 389. 85		583, 353. 51	26, 247, 000. 66
1			41, 147. 38		2, 225. 66	43, 373. 04

2		25, 404, 257. 30	218, 242. 47		581, 127. 85	26, 203, 627. 62
3						
3.		29, 692, 911. 07	860. 00	1, 698, 224. 38	964, 159. 91	32, 356, 155. 36
1		29, 692, 911. 07	860. 00	1, 698, 224. 38	964, 159. 91	32, 356, 155. 36
4.	532, 563, 980 . 87	3, 852, 504, 985 . 84	25, 402, 202. 51	5, 966, 207. 33	58, 372, 094. 88	4, 474, 809, 471. 43
1.	211, 037, 928 . 67	2, 097, 404, 690 . 53	19, 774, 183. 27	6, 836, 343. 01	43, 872, 654. 72	2, 378, 925, 800. 20
2.	13, 481, 041. 66	166, 472, 242. 7 7	755, 464. 11	85, 259. 09	2, 737, 737. 9 3	183, 531, 745. 56
1	13, 481, 041. 66	166, 472, 242. 7 7	755, 464. 11	85, 259. 09	2, 737, 737. 9 3	183, 531, 745. 56
3.		27, 345, 272. 86	231. 54	1, 613, 313. 16	838, 673. 93	29, 797, 491. 49
1		27, 345, 272. 86	231. 54	1, 613, 313. 16	838, 673. 93	29, 797, 491. 49
4.	224, 518, 970 . 33	2, 236, 531, 660 . 44	20, 529, 415. 84	5, 308, 288. 94	45, 771, 718. 72	2, 532, 660, 054. 27
1.		5, 806, 828. 89	2, 699. 40		1, 587. 18	5, 811, 115. 47
2.						
1						
3.						
1						
4.		5, 806, 828. 89	2, 699. 40		1, 587. 18	5, 811, 115. 47
1.	308, 045, 010 . 54	1, 610, 166, 496 . 51	4, 870, 087. 2 7	657, 918. 39	12, 598, 788. 98	1, 936, 338, 301. 69
2.	321, 526, 052 . 20	1, 753, 582, 120 . 19	5, 366, 789. 9 9	828, 088. 70	14, 878, 659. 38	2, 096, 181, 710. 46

2

--	--	--	--	--	--	--

3

4

5

	2,052,957.54	2,364,654.61
	2,052,957.54	2,364,654.61

22

	447,133,267.16	447,194,804.02
	447,133,267.16	447,194,804.02

1

LED	10,782,824.79		10,782,824.79	12,629,643.77	12,629,643.77
LED	7,406,272.34		7,406,272.34	11,803,833.69	11,803,833.69
	427,007,925.87		427,007,925.87	421,308,508.55	421,308,508.55
Chi p LED	943,362.84		943,362.84	430,088.50	430,088.50
	992,881.32		992,881.32	1,022,729.51	1,022,729.51
	447,133,267.16		447,133,267.16	447,194,804.02	447,194,804.02

2

LED	913,412,500.00	11,803,833.69	896,671.28	5,294,232.63		7,406,272.34	97.80%					
	1,714,546,700.00	421,308,508.55	6,157,824.38	458,407.06		427,007,925.87	27.40%		110,085.01	72,249.18	3.52%	
Chi p LED	20,390,000.00	430,088.50	943,362.85	430,088.51		943,362.84	50.80%					
	18,657,853.80	1,022,729.51	717,831.63	696,922.95	50,756.87	992,881.32	21.70%					
	2,693,639,148.42	447,194,804.02	27,097,978.05	26,203,627.62	955,887.29	447,133,267.16			110,085.01	72,249.18	3.52%	

3

--	--	--	--	--	--	--	--	--	--	--	--	--

4

--	--	--	--	--	--	--	--	--	--	--	--	--

23

1

2

24



25

1.	711, 091. 24	711, 091. 24
2.		
3.		
4.	711, 091. 24	711, 091. 24
1.	378, 580. 14	378, 580. 14
2.	181, 369. 80	181, 369. 80
1	181, 369. 80	181, 369. 80
3.		
1		
4.	559, 949. 94	559, 949. 94
1.		
2.		
1		
3.		
1		
4.		
1.	151, 141. 30	151, 141. 30
2.	332, 511. 10	332, 511. 10

26

1

1.	122, 612, 786. 91	24, 179, 420. 85		13, 085, 303. 08	159, 877, 510. 84
2.	350, 661. 10			216, 844. 50	567, 505. 60
1	350, 661. 10			216, 844. 50	567, 505. 60
2					
3					

3.					
1.					
4.	122,963,448.01	24,179,420.85		13,302,147.58	160,445,016.44
1.	19,959,738.02	23,999,232.47		9,199,770.33	53,158,740.82
2.	1,241,022.28	90,094.28		564,281.03	1,895,397.59
1.	1,241,022.28	90,094.28		564,281.03	1,895,397.59
3.					
1.					
4.	21,200,760.30	24,089,326.75		9,764,051.36	55,054,138.41
1.					
2.					
1.					
3.					
1.					
4.					
1.	101,762,687.71	90,094.10		3,538,096.22	105,390,878.03
2.	102,653,048.89	180,188.38		3,885,532.75	106,718,770.02

2

--	--	--	--

27

28

1

2

29

			21, 437, 590. 67	207, 488. 40	4, 089, 789. 05	17, 555, 290. 02
			489, 009. 41	7, 000. 89	125, 362. 89	53 9. 41 ,

30

/

1

	167,626,198.33	25,249,959.05	167,626,198.33	25,249,959.05
	14,668,432.07	2,200,264.81	14,668,432.07	2,200,264.81
	410,000.00	61,500.00	410,000.00	61,500.00
	120,103.87	18,857.11	120,103.87	18,857.11
	182,824,734.27	27,530,580.97	182,824,734.27	27,530,580.97

2

	680,832,814.30	102,124,922.15	663,986,681.25	99,598,002.19
	14,216.68	2,132.50	14,216.68	2,132.50
	680,847,030.98	102,127,054.65	664,000,897.93	99,600,134.69



\

	10,000,000.00	10,000,000.00		10,000,000.00	10,000,000.00	
	20,927,849.02		20,927,849.02	19,265,033.16		19,265,033.16
	100,663.18		100,663.18	100,663.18		100,663.18
	31,028,512.20	10,000,000.00	21,028,512.20	29,365,696.34	10,000,000.00	19,365,696.34

32

1

--	--	--	--

2

--	--	--	--	--

33

34

--	--	--

35

	664, 222, 385. 95	724, 842, 387. 82
	67, 154, 037. 47	52, 101, 816. 43
	731, 376, 423. 42	776, 944, 204. 25

0. 00

36

1

1	786, 497, 570. 02	901, 809, 924. 94
1 2	16, 954, 497. 28	20, 866, /

1		38,188,928.78	50,477,167.43
1 2		754,697.75	312,158.65
2 3		240,241.51	384,773.16
3		2,284,793.21	2,065,053.77
		41,468,661.25	53,239,153.01

--	--	--	--

39

1

	67,874,198.72	219,132,161.48	232,873,488.86	54,132,871.34
-		17,882,652.31	17,882,652.31	
	208,961.18	238,686.00	296,686.00	150,961.18
		93,935.66	93,935.66	
	68,083,159.90	237,347,435.45	251,146,762.83	54,283,832.52

2

1	67,843,206.72	182,288,291.72	195,998,627.10	54,132,871.34
2		16,942,108.50	16,942,108.50	
3		10,535,628.08	10,535,628.08	
		10,312,138.40	10,312,138.40	
		223,222.50	223,222.50	
		267.18	267.18	
4	30,992.00	7,581,961.88	7,612,953.88	
5		1,784,171.30	1,784,171.30	
	67,874,198.72	219,132,161.48	232,873,488.86	54,132,871.34

3

1		15,513,142.95	15,513,142.95	
2		386,029.36	386,029.36	
3		1,983,480.00	1,983,480.00	
		17,882,652.31	17,882,652.31	

40

	9, 370, 765. 07	10, 953, 944. 08
	187, 468. 73	595, 545. 16
	670, 062. 20	1, 003, 914. 87
	727, 930. 56	967, 407. 41
	2, 429, 706. 38	2, 607, 999. 36
	393, 979. 35	570, 956. 45
	519, 950. 39	691, 005. 32
	390, 343. 20	510, 094. 44
	8, 624. 37	12, 462. 64
	14, 698, 830. 25	17, 913, 329. 73

41

	167, 217, 618. 18	164, 772, 922. 75
	167, 217, 618. 18	164, 772, 922. 75

1

--	--	--

--	--	--

2

--	--	--

1

3

1

	8, 074, 277. 57	9, 053, 148. 23
	12, 897, 536. 68	6, 509, 102. 57

	134,409,650.00	134,409,650.00
	11,836,153.93	14,801,021.95
	167,217,618.18	164,772,922.75

2 1

--	--	--

42

--	--	--

43

	60,085,490.98	60,322,923.28
	109,440.09	236,440.87
	60,194,931.07	60,559,364.15

44

	1,255,859.50	3,205,889.51
	1,255,859.50	3,205,889.51

1,950,030.01 60 83%

45

1

	485, 094, 132. 63	565, 018, 902. 96
	485, 094, 132. 63	565, 018, 902. 96

46

1

--	--	--

2

3

4

--	--	--	--	--	--	--	--	--	--	--

48



1



2



49

1



2



50



		7, 260. 25	
		7, 260. 25	
		7, 260. 25	100. 00%

51

	81, 931, 566. 83	2i
--	------------------	----

2020	510,000.00			37,718.70			472,281.30	/
LED	515,334.44			67,332.78			448,001.66	/
LED	734,299.34			294,038.46			440,260.88	
	441,240.00			30,495.00			410,745.00	/
NB-IoT	399,557.60			18,915.90			380,641.70	
LED		440,000.00		79,614.21			360,385.79	
LED	366,784.04			54,586.26			312,197.78	
		300,000.00					300,000.00	
	6,696,555.90	1,208,400.00		402,806.46		208,250.00	7,293,899.44	
LED	446,393.32			164,174.16			282,219.16	
	351,622.41			86,313.21			265,309.20	
	263,225.50						263,225.50	/
TD-LTE	384,873.61			139,094.22			245,779.39	
I GBT	365,314.79			135,826.08			229,488.71	
Al GaN LED	234,680.90			15,957.30			218,723.60	/
LED		200,000.00					200,000.00	

	192,000.00			17,921.70			174,078.30	/
	171,103.20			10,836.30			160,266.90	
	160,000.00						160,000.00	/
	150,000.00			9,206.40			140,793.60	/
SI P	150,096.24			14,401.98			135,694.26	/
	138,394.04			13,010.28			125,383.76	/
LED	113,358.26			9,088.10			104,270.16	
LED	239,642.24			27,104.02			212,538.22	
	96,193.56			5,709.66			90,483.90	/
Micro-LED	78,076.74			5,769.78			72,306.96	/
COB LED	72,797.16			6,061.68			66,735.48	/
QFN	59,358.97						59,358.97	
LED	60,000.00			7,500.00			52,500.00	
LED	55,666.64			6,000.00			49,666.64	
Micro-LED	2,234,709.86	142,821.32		622,082.99			1,755,448.19	
- (AC-DC) LED	43,717.95						43,717.95	

LED	45,000.00			2,708.04			42,291.96	/
LED	60,069.68			18,744.12			41,325.56	
LED CSP	44,593.10			4,034.76			40,558.34	
LED	43,226.80			7,713.66			35,513.14	/
	38,777.80			4,709.40			34,068.40	
LED	44,000.32			10,999.98			33,000.34	
LED LED	30,983.28			1,705.90			29,277.38	
LED	15,819.40			5,953.80			9,865.60	
	80,000.00			72,631.99			7,368.01	
LED	5,518.80			3,978.60			1,540.20	
	473,516.21			473,516.21				
		40,000.00		40,000.00				

52

--	--	--	--

53

			+ -
--	--	--	-----

	618,477,169.00						618,477,169.00

54

1

2

55

	1,439,862,641.32			1,439,862,641.32
	12,042,200.00			12,042,200.00
	1,451,904,841.32			1,451,904,841.32

56

--	--	--	--	--

57

58

--	--	--	--	--

59

	304, 379, 643. 45			304, 379, 643. 45
	304, 379, 643. 45			304, 379, 643. 45

60

		1, 378, 735, 910. 78	1, 354, 675, 761. 77
	+ -		- 53, 136, 580. 80
		1, 378, 735, 910. 78	1, 301, 539, 180. 97
		53, 806, 626. 16	121, 339, 776. 82
			13, 219, 188. 56
		37, 108, 630. 14	30, 923, 858. 45
		1, 395, 433, 906. 80	1, 378, 735, 910. 78

- 1) 0.00
- 2) 0.00
- 3) 0.00
- 4) 0.00
- 5) 0.00

61

	1, 709, 738, 603. 41	1, 493, 110, 729. 48	1, 715, 236, 600. 94	1, 473, 867, 120. 63
	49, 005, 492. 42	44, 692, 756. 51	34, 607, 290. 62	30, 476, 414. 62
	1, 758, 744, 095. 83	1, 537, 803, 485. 99	1, 749, 843, 891. 56	1, 504, 343, 535. 25

	1, 758, 744, 095. 83
1	56, 758, 543. 36
2 LED	1, 268, 764, 050. 06
3	334, 053, 799. 81
4	50, 162, 210. 18
5	49, 005, 492. 42

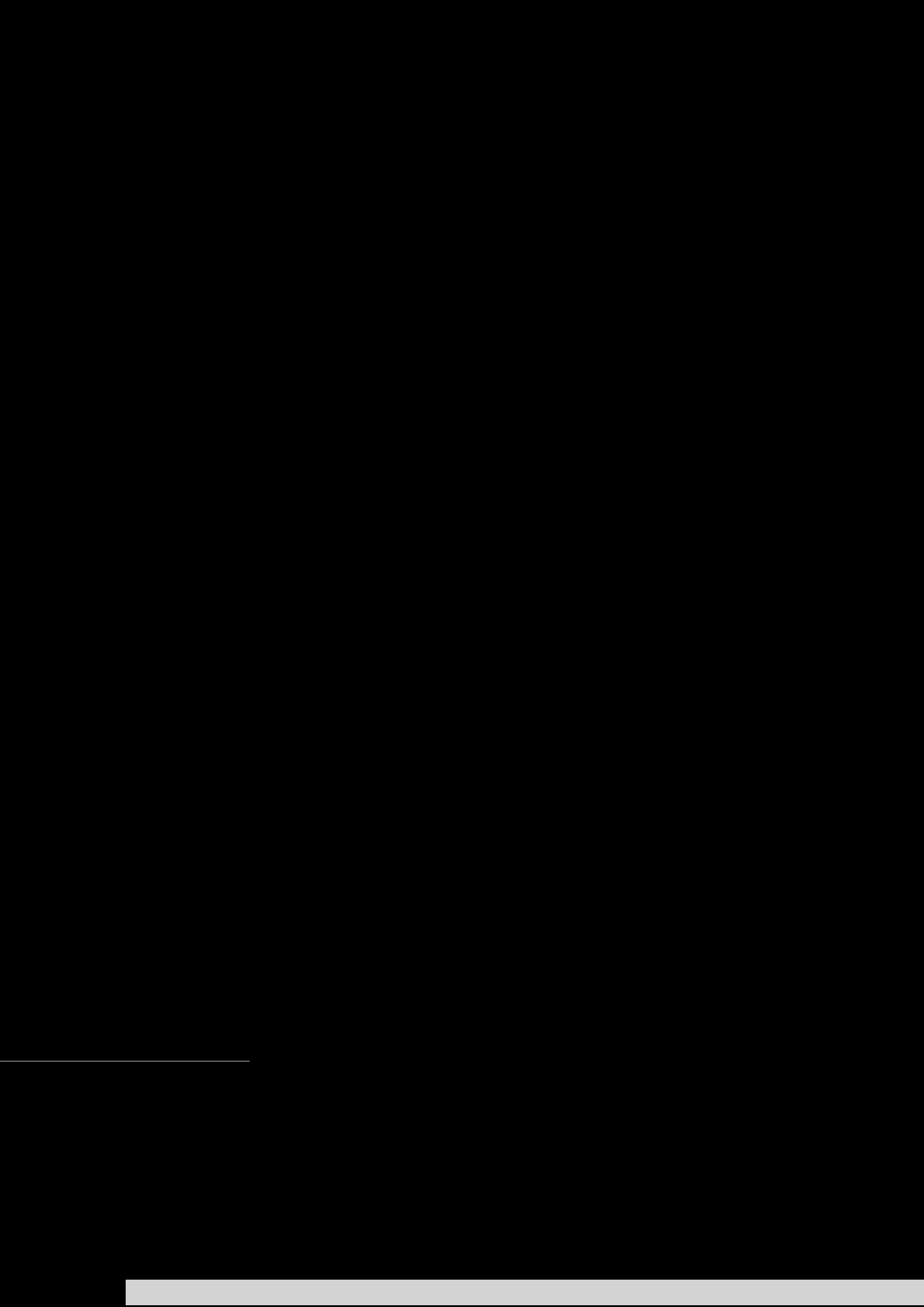
	1, 758, 744, 095. 83
	1, 375, 601, 616. 74
	383, 142, 479. 09

251, 621, 886. 53

62

	3, 823, 674. 42	2, 847, 197. 63
	2, 731, 196. 01	2, 033, 712. 59
	2, 488, 618. 37	1, 278, 097. 42
	393, 979. 35	108, 501. 12
	1, 980. 00	3, 660. 00
	846, 714. 92	

1, 758, 744, 095. 83



2022		2,000,000.00	
		761,150.00	
2021	" "	500,000.00	
2022		347,360.00	
		232,998.24	180,449.64
		200,000.00	
		169,622.25	285,643.24
		140,516.80	
2021		100,000.00	
		100,000.00	
2022		50,000.00	
		27,000.00	
2022		10,165.23	
		10,000.00	
		6,750.00	
		3,600.00	
2021			1,320,000.00
2022			51,962.00
	2021		6,900.00
			10,000.00
			1,800,000.00
			96,126.29
			211,625.00
	2020		450,000.00
			400,000.00
	2021		2,000,000.00
	2022 3		1,148,000.00
	2021		26,056.34
			848,000.00
2022			65,029.00
		21,735,879.51	30,397,295.24

68

	1,470,664.40	992,611.79
		285,376.51
	52,364.46	
	495,651.54	214,702.41
	2,018,680.40	1,492,690.71

525,989.69

35.24%

69

--	--	--

70

	978,980.82	196,602.74
		9,367.37
	978,980.82	205,970.11
	773,010.71	375.30%

71

	-137,870.27	420,912.23
	-1,817,653.91	-194,702.62
	-512,338.76	-229,783.47
	-2,467,862.94	-3,573.86

(" - ") 2,464,289.08 68,953%

72

	-12,179,181.99	-15,315,080.86
	-12,179,181.99	-15,315,080.86

73

	110,475.52	81,993.80

74

		286.12	
	1,400.00	23,041.95	1,400.00
	290,377.98	8,048,698.32	290,377.98
	291,777.98	8,072,026.39	291,777.98

									/
--	--	--	--	--	--	--	--	--	---

7, 780, 248. 41 96. 39%

75

	1, 545, 084. 24	216, 762. 62	1, 545, 084. 24
	1, 545, 084. 24	5, 205. 73	1, 545, 084. 24
		211, 556. 89	
	111, 702. 50	1, 328, 015. 88	111, 702. 50
	1, 656, 786. 74	1, 544, 778. 50	1, 656, 786. 74

76

1

	369, 139. 66	969, 821. 84
	2, 526, 919. 96	14, 414, 885. 53
	2, 896, 059. 62	15, 384, 707. 37

2

	56, 700, 512. 58
/	8, 505, 076. 89
	111, 652. 76
	- 220, 599. 66
	-
	- 2, 560, 460. 58
	5, 967, 800. 92
	- 8, 907, 410. 71
	2, 896, 059. 62

12, 488, 647. 75 81. 18%

77

57

78

1

	6, 212, 473. 76	25, 612, 496. 88
	13, 277, 903. 64	8, 329, 232. 50
	15, 865, 246. 08	16, 739, 231. 64
	35, 355, 623. 48	50, 680, 961. 02

2

	23, 954, 955. 59	20, 365, 119. 08
	17, 156, 992. 12	32, 387, 188. 39
	41, 111, 947. 71	52, 752, 307. 47

3

--	--	--

4

--	--	--

5

	381, 437. 71	53, 126, 214. 00
	381, 437. 71	53, 126, 214. 00

6

	2, 124, 043. 19	121. 82
	179, 384. 83	125, 624. 96
	2, 303, 428. 02	125, 746. 78

79

1

1		
	53, 804, 452. 96	86, 033, 355. 38
	14, 647, 044. 73	15, 318, 654. 72
	183, 531, 745. 56	178, 865, 977. 86
	181, 369. 80	169, 859. 60
	1, 83 86	

1 А 1 0 1 2

	- 93, 112, 023. 88	5, 343, 988. 55

2

3

4

	1, 119, 128, 326. 30	1, 212, 240, 350. 18
	7, 439. 00	8, 583. 40
	1, 119, 120, 887. 30	1, 212, 231, 766. 78
	1, 119, 128, 326. 30	1, 212, 240, 350. 18

80

" "

81

	230, 025, 534. 02	
	519, 326, 305. 62	
	749, 351, 839. 64	

82

1

	6,569,888.45	7.2258	47,472,699.97
	51,805.21	0.92198	47,763.37
	4,433,086.16	7.2258	32,032,593.94
	100,953.16	7.8771	795,218.14
	65,771.39	0.92198	60,639.91
	590,726.38	7.2258	4,268,470.67
	600.00	7.8771	4,726.26

2

83

84

1

	10,000.00		10,000.00
	2,000,000.00		2,000,000.00
	232,998.24		232,998.24
	140,516.80		140,516.80
	10,165.23		10,165.23
	440,000.00		-
	1,208,400.00		-
	50,000.00		50,000.00
	27,000.00		27,000.00

	200,000.00		-
	300,000.00		-
	100,000.00		100,000.00
" "	500,000.00		500,000.00
	169,622.25		169,622.25
	761,150.00		761,150.00
	6,750.00		6,750.00
	200,000.00		200,000.00
	100,000.00		100,000.00
	347,360.00		347,360.00
	142,821.32		97,373.13
	40,000.00		40,000.00
	3,600.00		3,600.00
	6,990,383.84		4,796,535.65

2

85

1

1

--	--	--	--	--	--	--	--	--

2

--	
--	
--	
--	
--	
--	

--	
/	

3

4

5

6

2

1

--	--	--	--	--	--	--	--	--

2

--	
--	
--	
--	
--	

3

--	--

3

4

5

6

1

1

				100.00%	
				100.00%	
				60.00%	
				100.00%	
				99.88%	

2

	40.00%			-197,593.13
	0.12%	-2,173.20		241,916.01

3

		100,6 63.18	100,6 63.18		594,6 46.00	594,6 46.00		100,6 63.18	100,6 63.18		594,6 46.00	594,6 46.00
	90,67 3,371 .56	142,5 83,36 6.50	233,2 56,73 8.06	32,01 3,032 .84	4,643 ,942 12	36,65 6,974 .96	86,66 7,863 .71	148,8 87,48 9.67	235,5 55,35 3.38	32,09 6,044 .62	5,093 ,433. 86	37,18 9,478 .48

							-1,200.00	-1,200.00
	53,328,7 16.60	-1,766,111.80	-1,766,111.80	3,137,7 38.90	85,062, 394.11	7,045,519. 30	7,045,519 .30	27,067,5 84.62

4

5

2

1

2

/	
--	
--	
/	
/	

3

1

				49.00%	

20%

20%

2

3

	/	/
	73,461,177.58	65,960,025.19
	9,252,424.39	10,224,679.49
	82,713,601.97	76,184,704.68
	43,201,836.74	39,268,890.83
	43,201,836.74	39,268,890.83
	39,511,765.23	36,915,813.85
	19,360,342.25	18,088,353.84
--		
--		

--		
	19, 428, 886. 26	18, 088, 353. 84
	34, 579, 511. 95	33, 735, 759. 76
	3, 001, 421. 42	2, 025, 782. 55
	3, 001, 421. 42	2, 025, 782. 55
	204, 402. 84	

4

	/	/

5

6

--	--	--	--

7

8

4

				/

5

6

1

1

2023 6 30

82

2

3

2

3

1

2

1

	--	--	--	--
		80,983,830.13		80,983,830.13
1.		80,983,830.13		80,983,830.13
			104,433,292.62	104,433,292.62
			40,078,568.80	40,078,568.80
		80,983,830.13	144,511,861.42	225,495,691.55
	--	--	--	--

2

3

4

1

2

5

6

7

8

9

1

			136199.4647	21.48%	21.48%

1 2021 6

0.16%

2 2022 1 28

100%

12.9%

3 2022 2 23

8.42%

21.48%

2

1

3

1

--	--

4

5

1

/

		5,541,204.95	37,000,000.00		14,227,255.21
		176,734.98	2,000,000.00		420,521.94
		371,312.76	2,000,000.00		606,022.16

		24, 969, 746. 78			3, 965, 288. 17
		22, 053. 55			36, 110. 42
		18, 779. 44			
					268, 921. 93
					854, 625. 55

/

		15, 240, 663. 93	15, 184, 232. 18
		7, 466, 567. 41	8, 534, 248. 00
			281, 946. 91
			538, 207. 40

2

/

/

/

/	/	/	/	/	/	/
---	---	---	---	---	---	---

/

/

/	/	/	/	/	/	/
			2020 12 30	2022 12 31		

/

2020 12 30

50, 929. 25

3

		582, 347. 85	563, 992. 42

--	--	--	--	--	--	--

						64,954 .29	109,71 4.21	1,801. 29	1,557. 46		54,673 .41
						65,059 .65		1,211. 87			

4

--	--	--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--	--	--

5

6

--	--	--	--	--	--	--	--	--	--	--	--

7

						4,181,094.00				4,120,596.00	

8

	2023 4	2023
	2023 6 30	
884,133,012.23	4,937,389.67	

6

1

		11, 870, 932. 18	300, 951. 57	19, 414, 694. 40	388, 293. 89
		8, 838, 027. 13	176, 760. 54	2, 805, 991. 79	56, 119. 84
		387, 405. 86	7, 748. 12	585, 355. 60	11, 707. 11
		21, 332, 894. 81		7, 096, 448. 92	
		211, 582. 08	4, 231. 64	200, 000. 00	60, 000. 00
		223, 372. 07	4, 467. 44	178, 585. 99	3, 571. 72
		67, 165. 92	1, 343. 32	-	-
				53, 041. 92	4, 708. 84
		4, 937, 389. 67	-	3, 774, 186. 39	-

2

		7, 795, 705. 31	8, 090, 166. 95
		1, 688, 630. 55	1, 820, 650. 66
		142, 005. 53	124, 905. 40
		46, 500. 00	736, 000. 00
		104, 280, 896. 68	129, 250, 643. 46
			1, 885, 437. 50
		320, 747. 68	449, 283. 50
		689, 500. 00	-
		67, 154, 037. 47	52, 101, 816. 43
		135, 435, 547. 74	135, 406, 928. 57
		150, 000. 00	

7

8

1

2

3

4

5

1

2

1

1) (")

436 (377)

202

2 2009 11 2 ()

2011

1099.44

10

2023 3

24

2

3

1

--	--	--	--

2

3

4

1

1



2



2

3

1

2

4

28

22

36

11

"

"

2021 1 1

5



	534, 861, 098. 91	10, 782, 040. 83	
--	-------------------	------------------	--

1	1		534, 398, 829. 38
1	2		1, 034, 813. 18
2	3		195, 517. 13
3			5, 705, 158. 92
	3	4	884, 462. 97
	4	5	4, 820, 695. 95
			541, 334, 318. 61

2

	6, 618, 540. 70			145, 321. 00		6, 473, 219. 70
	9, 516, 081. 50	1, 265, 959. 33				10, 782, 040. 83
	16, 134, 622. 20	1, 265, 959. 33		145, 321. 00		17, 255, 260. 53

--	--	--

3

	145, 321. 00

1		145, 321. 00			
		145, 321. 00			

4

1	43,404,647.20	8.02%	868,092.94
2	39,989,600.88	7.39%	799,792.02
3	38,893,583.71	7.18%	777,871.67
4	38,788,846.01	7.16%	775,776.92
5	32,844,825.55	6.07%	669,421.43
	193,921,503.35	35.82%	

5

6

2

	185,042,051.26	173,426,130.60
	185,042,051.26	173,426,130.60

1

1

2

3



()		
-----	--	--

2 1

()				
-----	--	--	--	--

3

3

1

	6,896,849.16	2,886,849.16
	203,376,733.49	195,626,639.58
	1,604,276.88	1,603,254.20
	211,877,859.53	200,116,742.94

2

	12	()	()	
2023 1 1	44,357.42	1,646,254.92	25,000,000.00	26,690,612.34
2023 1 1				
	87,775.93	57,420.00		145,195.93
2023 6 30	132,133.35	1,703,674.92	25,000,000.00	26,835,808.27

1 1		34,283,859.16
1 2		122,391.00
2 3		56,000.00
3		177,415,609.37
3 4		155,410,000.00
4 5		600,000.00
5		21,405,609.37

	211, 877, 859. 53
--	-------------------

3

--

26, 690, 612. 34

3

	935,376,127. 92	15,000,000.0 0	920,376,127. 92	935,376,127. 92	15,000,000.0 0	920,376,127. 92
	19,428,886.2 6		19,428,886.2 6	18,162,624.7 0		18,162,624.7 0
	954,805,014. 18	15,000,000.0 0	939,805,014. 18	953,538,752. 62	15,000,000.0 0	938,538,752. 62

1

	10,000,000.00					10,000,000.00	
	698,750,000.00					698,750,000.00	
							15,000,000.00
	12,284,474.38					12,284,474.38	
	199,341,653.54					199,341,653.54	
	920,376,127.92					920,376,127.92	15,000,000.00

2

	18,162,624.70			1,470,664.40			204,402.84				19,428,886.26	
	18,162,624.70			1,470,664.40			204,402.84				19,428,886.26	
	18,162,624.70			1,470,664.40			204,402.84				19,428,886.26	

3

4

	1, 268, 764, 050. 06	1, 057, 905, 647. 29	1, 300, 932, 727. 13	1, 085, 924, 371. 85
	15, 971, 240. 53	15, 063, 003. 77	5, 147, 855. 20	5, 613, 044. 45
	1, 284, 735, 290. 59	1, 072, 968, 651. 06	1, 306, 080, 582. 33	1, 091, 537, 416. 30

	1, 284, 735, 290. 59
1 LED	1, 268, 764, 050. 06
2	15, 971, 240. 53
	1, 284, 735, 290. 59
	1, 230, 894, 931. 68
	53, 840, 358. 91

167, 494, 064. 64

