

c}0-

ρD@A>@00D8@AE

2018<sup>a</sup> 12 > 7 7110 <7R0b 21 -  
 00 >, P0 2018P 35 -A10000  
 B, @8, 7P@83L07R0LX  
 0z7P 2019<sup>a</sup> 1 > 1 07R07B 2021  
<sup>a</sup> 1 > 1 0>0000R×YUUn] LQDP  
 8500×\$, L0p00A00  
 @00D8>  
 6=000#0D8  
 6P×\$?0  
 D0. 0P×\$<5: 00A0006Be0  
 6, P×\$g0511: \$, °#00A000L.  
 /V00) A0y2000p0000y0X  
 0000] VA00+>  
 000000  
 Ec07000k1b 512 -A11  
 0&0000920E 70#U3: 0M6?0>  
 00\$, 000?A000: 00E000  
 YU, 000e0?• 00UL0L0000E000  
 0YU, 000e0?•00000Yr, 00%  
 0+0UL\$  
 ?0D8<AE  
 1. 68b\$ EV  
 \$0P×\$<5: 00A000070D00E  
 0B90<5: 00A00000B, 0E?0D#?0  
 B970D>5: 00E000YU, 000e0?000  
 L0L\$=000E000YU, 000e0?00A  
 0000Yr, 00%0UL\$  
 2. 11: \$ EV  
 0000A#00A000000P111:  
 \$00P0A0y2000p>0BP, 00  
 %00A0000 , 000000>UL?•40  
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 00° 0000#00^40  
 0U0D800DB90  
 3. 00D8

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403eAk

39600

?D)E6: AU60+000pU6

500000-114000+19300-50000μ h

yS

xžpAE

U6+^

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600p

: AU60+^

17765

00D) 5j AB97B xpy0?D)E6: AUÄ

00+ Ä

39600+17765=57365μApE900t000UL+40x|, 660

r

μAp000

7365 y'

57365-50000μ40DB90-Ä

DĐ\*2b

?=0000A

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6+hC610, B\$ B97

0z. K0C>AAkEQA+AE

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F0DZÝ 4700

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000p 00t0 200000

μyZ3eAk 237600

6; 480D×6  
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+B AE 010-57961169

W

7P05540DLB

LÁ65+K07PE006=YPm, \$E550  
)H0Añ=N1M) 5540, EpK6, EMh, K6dB@E  
E, 40tceM6?540DE07540D542NS0D) 540  
0DE9F40E

0. 05 y, 40eM6?50DE

)A7E550) H0Añ=N1M) 5540#0D  
L

1. 07PÁ00, 95540eM6?540D540  
ODE

00700040D0/r6; p50  
E0+000DM\$0000

2019 1b 74 -µb

?7000LÁ6, 0/r:5540AB7

PY B>P00, 0/r07rP:

h

NS1540D7E, ?-rLÁ00=hl-eñ-N1/rE5>

E55400D11, P0D00

2015P 409 -µb?X0P

, 95540PNS1540DQDt+040, 9B>

7P007, 9554050LÁ#, 05000

, 00D#?04é 0D>

2. 0E, 95540540D+075K60E100

E

00040, 9P5040+0P055e07E™

50D, 07R#) 00, K6>pL; 510000e) 000g

L; e50D>

3. 00D, ?500DE

0000P, 95540PNS1540D>

p/h e=0000P000

NS-^ 20%, 0D) 540D>A1Ep00D0

=00D0 h >

4. f95540E 1 yM6?540DME

0E30D0 1 yA00D0H0L0000

2012 1b 25 -µ

?00D00; 5DD#0, 00D040

1 yA, 00D040M, >

/#, 9554010

1 y, f

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A, 40P+Bf

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5. 7P, 0ñ=N1M) 5540eM6?+i 540DE

0E55400D11, P0D00

2015P 409 -µ000

P, 90B7003µ, M) 5540. " 000=hl-eñ=



A p?M DE?uWODK6CND 45 =y06D 200

=>072 86D° 45 =%5?uWODDdUE

K6P 200 =PEB 3DD: PDoCDB&PE

ODO 2016P 36 -E3DDP <40DBA0D11 >@ >, E (30Dx

Q 2016 1b 14 - )-. E5H0D>

2. NEDB6D&S0V E000H

%/E00UFE 2021 1b 5 -1b

1E3DDP?uWODD0D1kNDDQ

?E EcC0D>00&0VE00C

%/E00UFE, >0EY 15 =y, 0D>

8 NEDB6D&E000H 15 =y, 0D>

3. 06-PE?uWODD: U6E?E: U6?M

18A?uWODD0D/R?M DE?uWODD0DLF

1-E0L#6+e+i B-PA05: U0U' , K6P 45 =y06D

4. L6L6; AnCpL?An?C0D&73E0D, uE

0D, 0D=0kK6B9pEY 15 =y?40D 45 =yE

18g L6L6; AnC??0D, P?An?AU40D, E?uWODD0B+^

>K6EY 15 =y0DME

5. 0D&K6B0D, K6B

18DQ 2021 1b 5 -1E ?) a? 0D0DIt, E?uWODD

0D&K6EY 15 =y, 060DIt> 0D&K6B0D, K6B

6. B6BPR01P0D06E-E

18B0Dp0p?R?N -%6EY 15 =y>

tA B cL-75: 01NSN&E B CpqL\$; tD0Dp 10 =0E B c

. p<; 0D1E 3 =>0 B cL-7%66D 13 =EY 15 =%B+E?uW

40D0 15 =y0D06L-70DIt>

7. ?>40D, E?uWODD>+U, K6B+UK6B0K6B 15 =y3 D

K6B0D0D

18) ad0D0D+1A0D#0D, K6B6B55C; K6B 0o

K6B\$UK6B, E?uWODD0K6B0E-. EK6B0\

B+^ 15 =yA0DUE

8. 40D0C0D+724EY 45 =, (554e0Dte%+i B-5E

1800 >6L+i B-6C0D+75- C0D+7z. /E0D>pA15j40

rOD>?uWODD0K6EY 15 =y06EY 45 =y06C0DI

+7554e0DItC0D+75L6; ??040?z D%0Dp0

B-5(54e0D>

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2018 1b 28

- 2019 5j / 20 A: 2019 5j / 20 > BAäe0 2019 5j / 20

, A0D

2019 5j / 20

3. 2019 5j / 20

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2018 1b 28

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3. LAP 2020 CQ/E%ODFE

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\$5J50D0DpFA0B/žLE6; 6?úž6?66

A67P70o>6C

60 >6=61λ

?E/žLE6>L0B,

70B/žLE6+. É0B00DFA\$0Uλ

?E/žLE6; ??FA0-U0. 0. É0%B>8)Be0+U

0DFA>LE6

4. LAP Lh+qz+a(

2020 00D1\$5j 00DFAi

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18P0hnh>0E00-U, 0A0YAA\*Ée

0DFA0

0hnh>06; 00DFA07P>?E4á

0h0z, M>

: Ee0

0j (E0DFA) ^

A105070E†

0040DB9040EFPJ

9. 2020

2019 21 2021

1872 BNDW EFL p 2019<sup>a</sup> 1 > 18) 2021<sup>a</sup> 12 > 31 > 40Dö 2021<sup>a</sup> 12 >  
31 B DWE 3<sup>a</sup> %55#) 3 U%p>  
10. L#B OD# 0#066+0D#E#P#DO 2018P 99 -µ

?D# #C(U, °G+P#%o, ??E#0. #.  
^ 2018<sup>a</sup> 1 > 18) 2020<sup>a</sup> 12 > 31 UL#O(U#P 75%OD#E#Y#  
BL?E#° 175%OD#E#>B?D 2021 E, 2020 #0D) \$5j e#+E  
1872 BNDW 2018<sup>a</sup> 1 > 18) 2020<sup>a</sup> 12 > 31 31=7PU. G+eO, U  
%B+>

oE# OD#K#GODM#EFL#E OD# 2021 #b 6 -µ  
?D#C#E#UL#K#B) 2023<sup>a</sup> 12 > 31 >

11. L#E#A+i UG+SE#E 30D# O#J  
1870, p#A?7PU, °G+1#E# 066+0D#E#P#DO 2015P 119 -#30D#P#066+0D#<  
E#C#E#D#E# 2015 #b 97 -#P#° 7#0D#E#  
N

12. L#E#A#P#P#PL#0, #AB  
E  
1870D70101, #A#E#P#E  
P#PL#0, #B

13. L#E# # K6, #B6#%7#E  
187# 0# 5: [ E#V6; Z#A#?D#E# (\*#E  
-#%#7#0D>7#E#\* E#K6d#U, 030  
E# (\*#E#D#E#

14. L#E#,, M: #4#D: 7#D#E#E#L, #B  
D#E#< #B D #E E  
1870C#E#=: 4#p#E D#E#B>E#pL  
E#E#E#A#U#,, #B#V  
66+, #p>7#P#>#E, ° 03?#D#E#

15. L#E#n1#8 C, #E#e#%#E#E  
187#B) 140D#0D, A#E#P#C3#E#P#E#e#P#  
r5: #E# #P#A#E#D#E# #E  
?=#i D±

16. L#E# D17#E#A#7#D#E#P#E#5#Y#U#B#-L#B10D#E#%#g  
0D#E#D#E#  
187#E#U#E, D#A#0, #E#A#5: { ° 0. 2%?>L?#g #  
-#7#0D+0#D#P#P#P#E#D#E#E#N  
5j OD#E#, #g#D#P#E#D#L#E#U#E#7#D>

17. 7#E#E#P#E#K#E#E#E  
187,, #E# #E#P#E#D#E#B+/#K#E#E#E#E#  
#E#5j #E# A106000E7#D#E#4#E#B 11 >1b 7 M E#A#A #i #E  
, #E#E#E#E#

18. L#E# #E#E#E#E#

/6, 9K0E

1. B-L6ODP...>

1E3L... <C...> 587 -...  
6/... L...>  
oE3DD... <C...> 37 -...  
... 7...>  
e3DD... 2017 1b 16 -...

8 2017 ^ 7 > 1...>  
. 7...>  
+ ^ 7 > C...>  
0E7P > ...

52...>  
, ...>  
MA

2. /6, 9K0E

1...>  
1...>  
+K...

3. COD+K...>

1...> +K...>  
rOD/...> B1...> +K...>  
...>

4. B...>

1...> 2020P 6 -...>  
A...>  
+...>  
K...

5. 40D...>

1...> 56-  
, ...>

6. E?U...>

1...>  
E?U...>

FINANZIERUNG

2021 1b 12 -

6=7E3/1000000  
6=7E3/1000000

100 =y, 100

OD 100

100000

2019P 13 - 1000000

100000

100 =y, 100

100000

2021<sup>a</sup> 1 > 18) 2022<sup>a</sup> 12 > 31 >

100000

100

OD 100

2021<sup>a</sup> 4 > 2

2021 1b 8 -

100000

1000000

2021 1b 12 -μ

6=7E3/1000000

6=7E3/1000000

100 =y, 100

12.5% 100000

20%, 100) 50

40000

1000000

1000000

2019 1b 2 -μ. 100

1000000

100 =y, 100

1000000

1000000

, 4

1000000

5: 1000000

1000000

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1000000

100 =y, 100

1000000

h %

1000000

100 =y, 100

r 5: 1000000

h 1-50%μ

1000000

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2021<sup>a</sup> 1 > 1 6

2022<sup>a</sup> 12 > 31 4 6>

2021<sup>a</sup> 1 > 18) 6

9%5j45: 0D, %8 D>3, 0Dt 8%1 \$5j

050D6- 0i B- 5F0Dt> 038-

E30D 0A0 0C0E

68,\* 0> E30D 0C0E 20D) 0L 0E

9b 44 -B, 0

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2021<sup>a</sup> 4 > 1 6>

2019 9b 2 - 06 0b

2011

30D 0  
2021<sup>a</sup> 4 > 7

00Lc?63L0K6d0DNI  
1CP

000 2021P 21 -

>f?fUUI?0p#E=ad478 00R5=: -\*

00D0f?fUUI?0p#E=ad478 00DxE

)0e wE ULc?63L0K6d0DNI 0EAE

6=/c3 R?00R?0c3

R?00R?0c3

6•

000&0p3

L03P0&L0p3

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0000p3M#%3L?00&%?0c3

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0K6d0D00A800D=00D>0DNE

3Vf =0Y-GE0E00, 0>0X0S

, 0

00DNI0S2a990600P0Lz,

1 0z,

2>eLz,

1 8+0•

?0z, 2 B+00p0p0cL0p0p<%?0p0c: 0p

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?=/UK6d00ADN0S2a990K600K6d

U5000! 03P?00D>

=/00K600(0

0000D5#1x

Lz, 0E 1. c?63L0DNI0S6u

2. c?63L0DNI0S0

0

0

0D0

2021<sup>a</sup> 3 > 31

00 2021-2030 070/p0DNI0E0P

000 2021P 20 -

: -7=8 0=-EB=AM00M0Y000Ca4U0A0

v0M0Y00R5=: -00D0-7=8 0=-EB=AM

M80D00F100D00(00E



w=1? QAcZ10D>p%+6y=) B6,  
3/2017 ap, 5/2018. 005, 006>

w6=0Up 2021<sup>a</sup> 1 > 18) 2030<sup>a</sup> 12 > 31 >

u G 3bMÝ

u G

OD  
2021<sup>a</sup> 3 > 31

DO 2021P 19 -

: -7=8 p=-EB=AM8004U0A05=-: -

3DD-7=8 p=-EB=AM8004130DD(#VE

p6=7/6/p7a?0DU0A/E

6=8 2021<sup>a</sup> 1 > 18) 2030<sup>a</sup> 12 > 31 /6/pž, 706/pž=?ELRp

6/pž= Micro-LED t/pžABU7B3+UÝ]3C3%06x8 +4UÝ

á. JAB000015=+UX0; A0X0M, 5/6

/pK0M, 00+q, =BV+(-)8%70YB3+UÝ]

73C3%06x8 +4UÝ]0D>

08000

0=OD0B30MÝ0G

/00M, 520, B9>