

Lextar

Company Profile

Presenter

Title

Date

Lextar

Lextar – An LED Star

Lextar Strategy and Product Lines

Lextar in Brief



Financial Status :

Capital

NT 4.3B / USD 143M
(as of Dec/2012)

History :

Established

May 2008

Headquarters

Hsinchu, Taiwan

Factory

Taiwan –
Hsinchu / Hukou /
Chunan

China –
Suzhou Industrial
Park

Operation Status:

Workforce

2,500
(as of Dec. 2012)

Technology

- GaN Epi and Chip
- LED Package
- Lighting solutions
- CCFL
- T5

Product

- LED Chip
- Backlight LED / CCFL
- LED Lighting
- T5 Light Tube

Mgt. Team:

Chairman and President

Dr. David Su

CFO

B.Y. Chang



Milestone



2008 May



Lextar
Founded

2010 Mar



Merged with
LightHouse
Technology

2011 Sep



Go Public at
Taiwan Stock
Exchange

2012 Sep

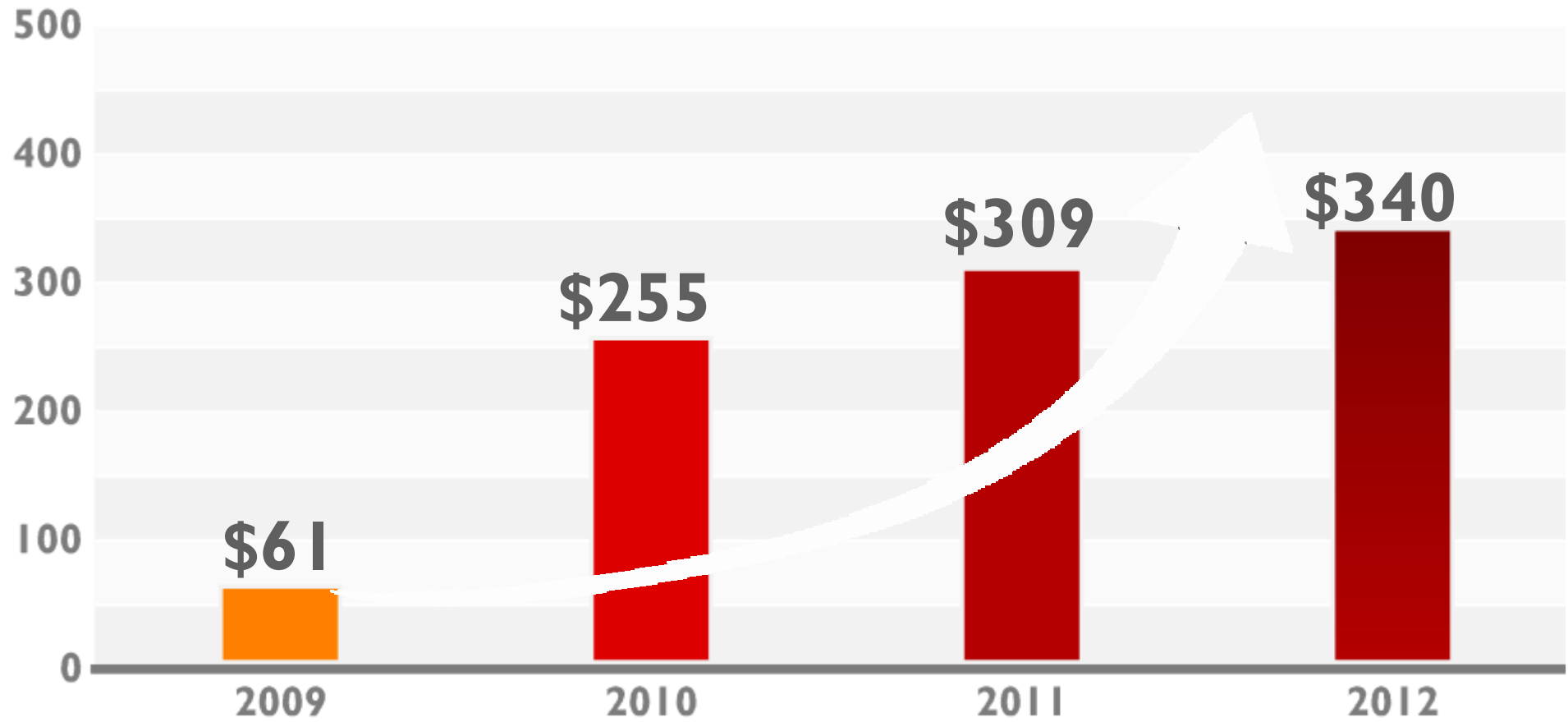


Announced
Merger with
Wellypower

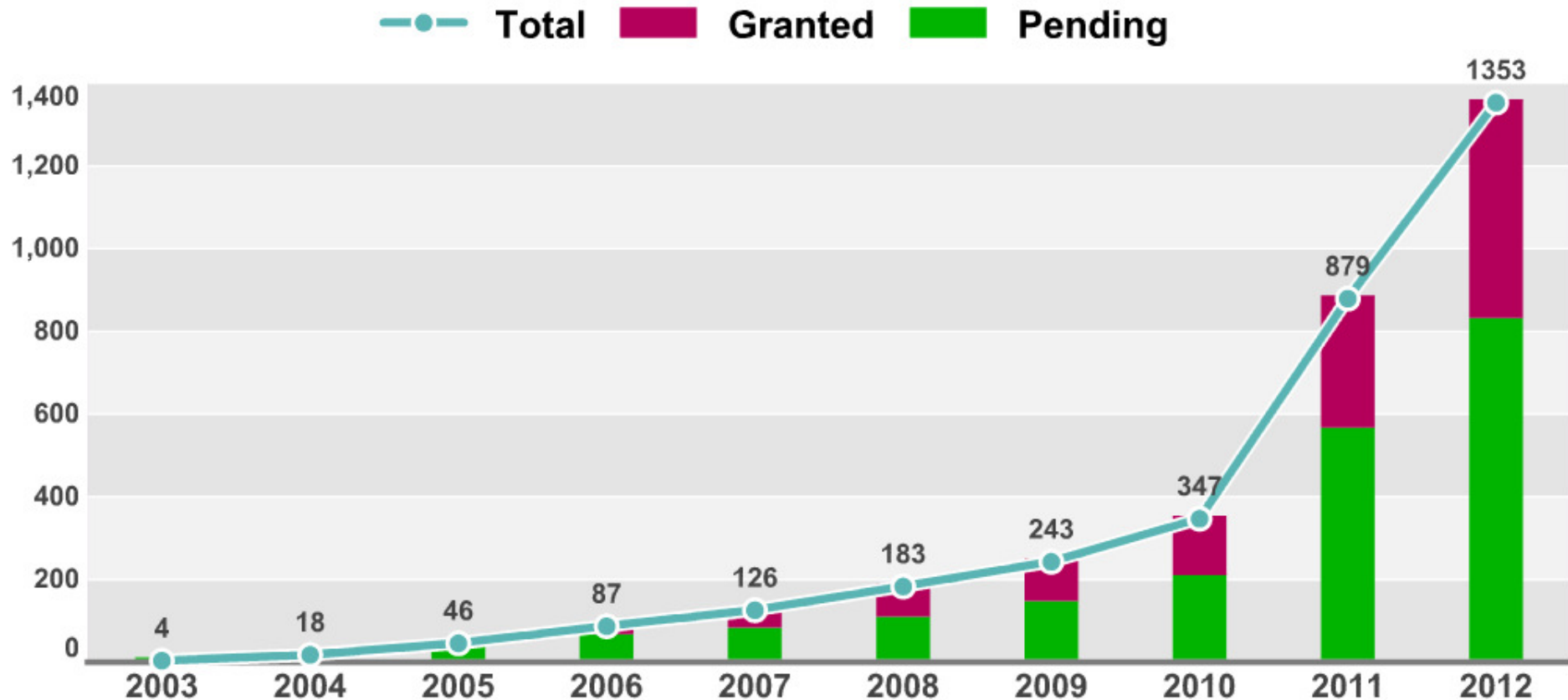
Revenue Growth



(US\$ million)



Innovation Focused Company with Fast-Growing Patent Number



* Patent numbers include Lighthouse and Wellypower

Our **LSVP** Strategy: Lighting **S**olution & **V**alue **P**rovider

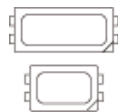
Lextar



**EPI /
CHIP(2"/4")**



SMD



COB



Emitter



Light bar



Light board



Bulb



Par Series



Tube



Flat panel light



Downlight



Controller



Operation Sites



China



Suzhou Industrial Park

S01

Assembly / R&D

S02

PKG / SMT / CCFL

Taiwan



Hsinchu Site:

T01 Headquarters

Epi / Chip / R&D

Center

Hukou Site:

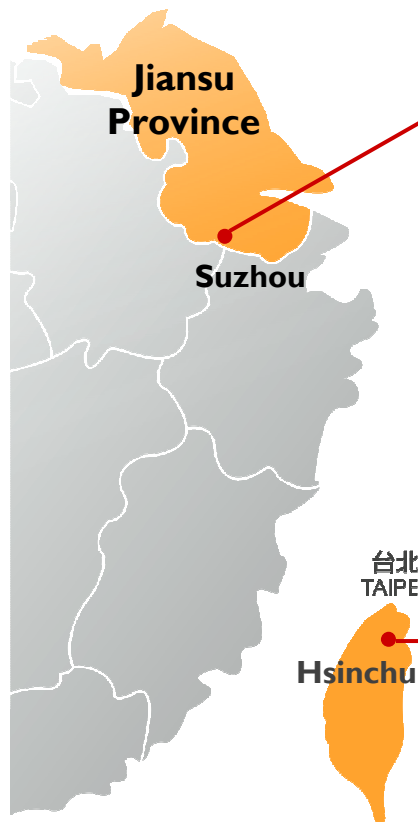
T03 & T03B

PKG

Chunan Site:

T05

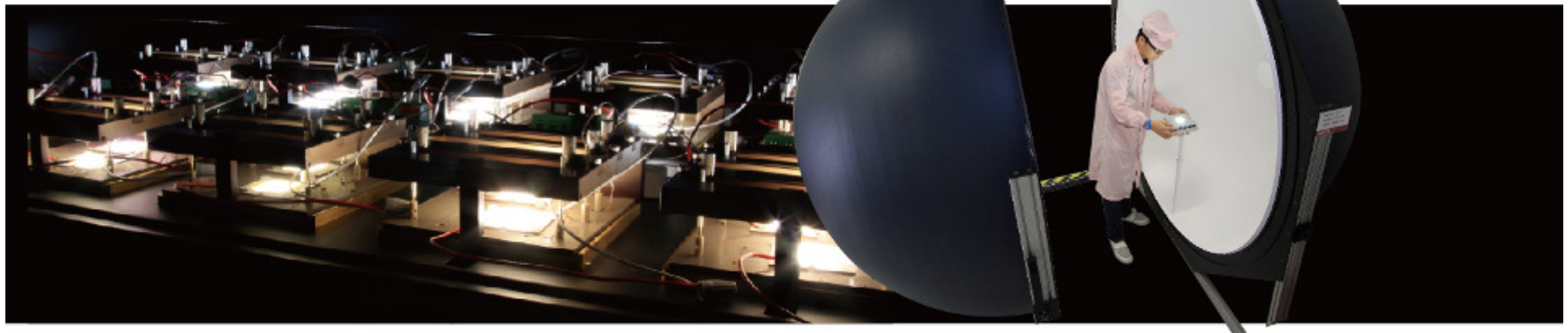
PKG / T5 Tube



Lextar's Reliability Test Lab Listed **LM-79** and **LM-80** Accreditation

Lextar

Lextar's Reliability Test Lab was the first in Taiwan listed both LM-79 and LM-80 accreditation.



Lextar

Lextar – An LED Star

Lextar Strategy and Product Lines

Product – Chip

Small Power

9x26mil
28~32mW

11x28mil
32~36mW

High Power

45x45mil
430~520mW

Middle Power

24x45mil
180~200mW

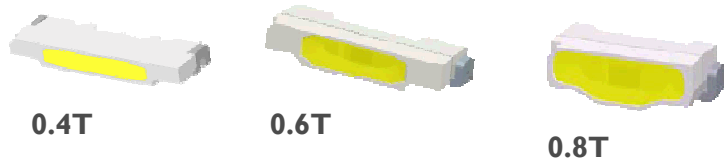
22x35 mil
160~180mW

18x18mil
70~85mW

22x22mil
85~100mW

Product - Package for Backlight

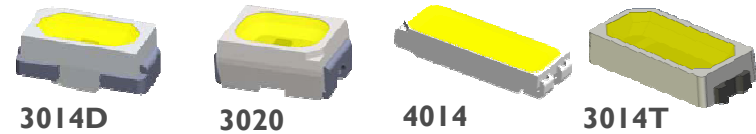
Small Power Side View



Mobile/DSC/PND/AV



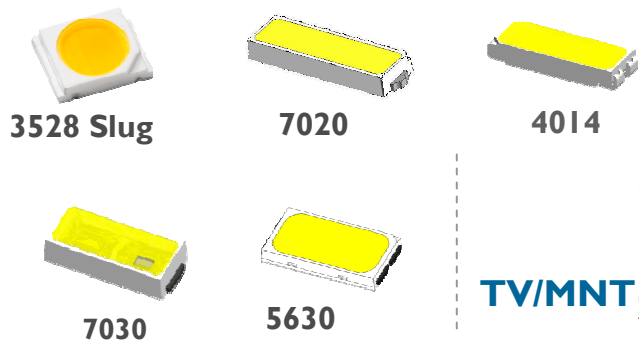
Small Power Top View



NB/MNT



Middle Power Top View



TV/MNT



High Power Top View



TV/MNT



General Lighting

Product – Light Module



SMD
(0.06W~3W)

N Series : CRI > 70

H Series : CRI > 80

U Series : CRI > 90



COB
(3W~50 W)

N Series : CRI > 70

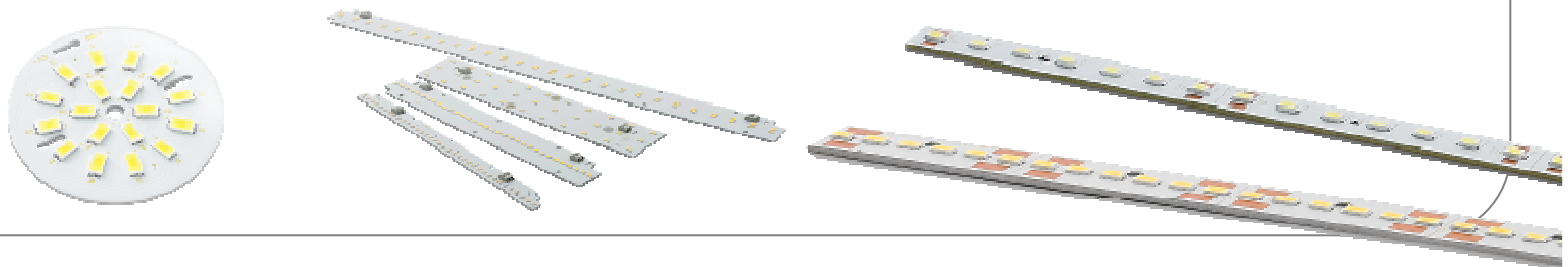
H Series : CRI > 80



LED Module

Light Board

Light Bar



Product – Lamp & Luminaire

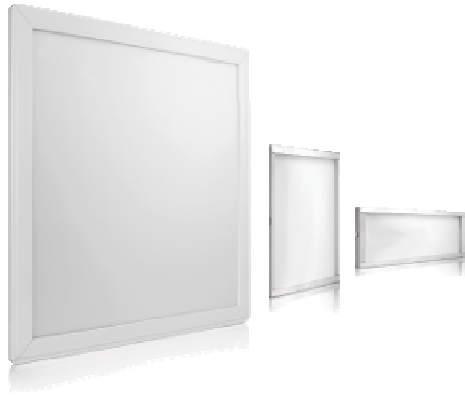
Bulb & Spot Light



Light Tube



Flat Panel Light



Downlight



LED Rope Light



Capacity

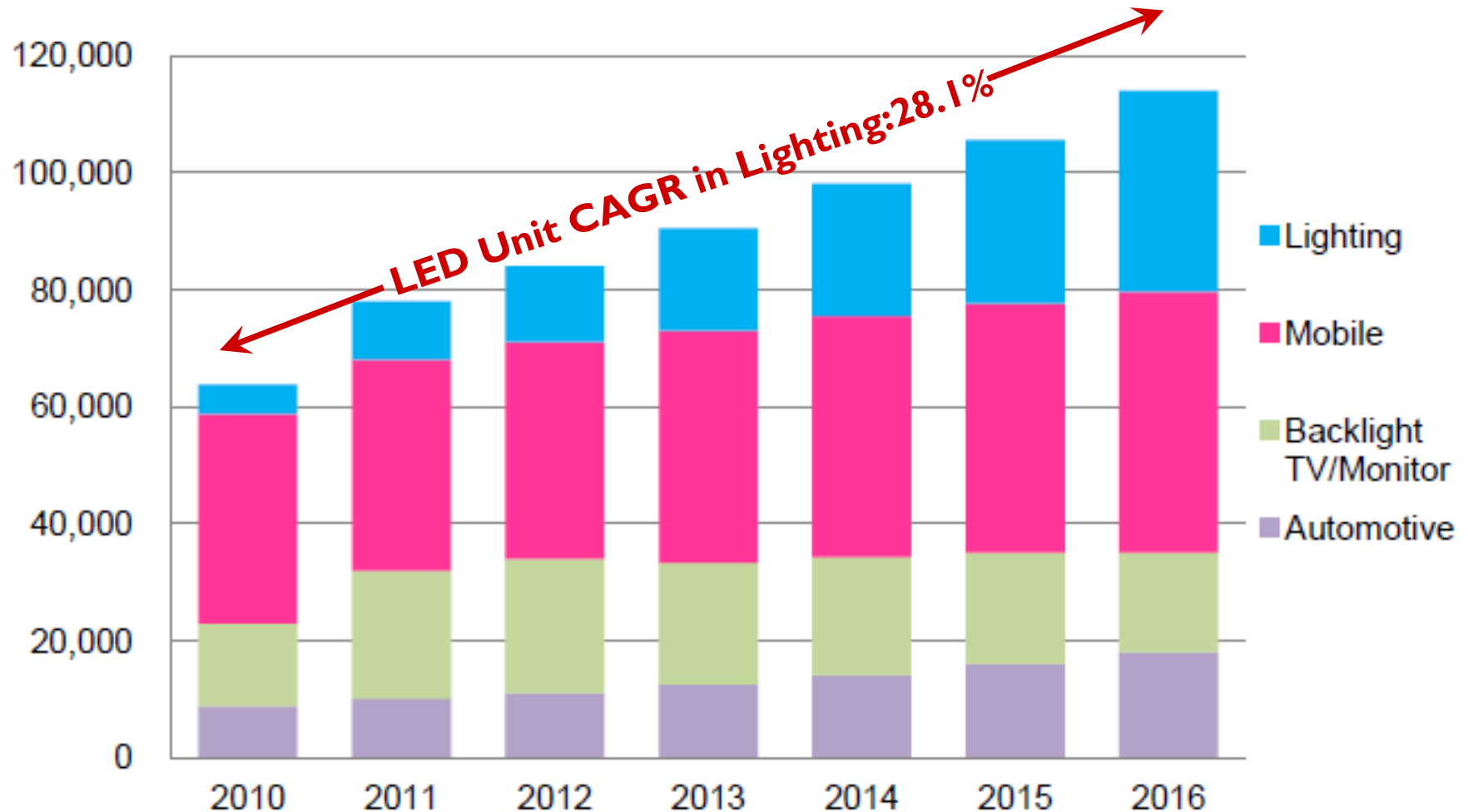


Taiwan	Epi /Chip	160K pcs wafers *1
	PKG	1000 KK pcs / month *2
	T5 (HCFL)	1500K pcs / month
Suzhou	SMT	180KK die / month

*1: 2" Epitaxy wafer base

*2: On 3014 single-chip base

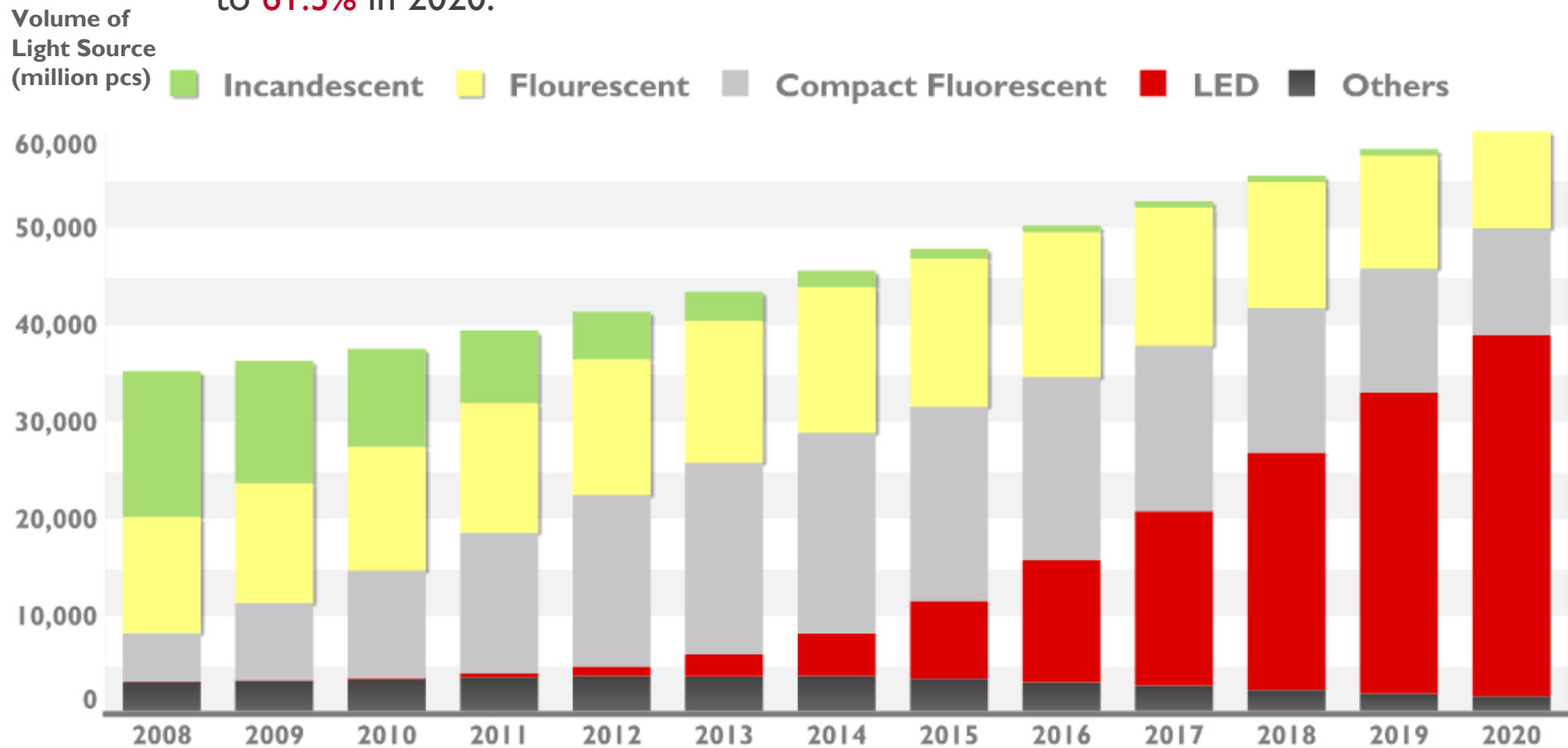
LED - A Rising Industry for Backlight & Lighting Applications



- | Display backlighting is the major near- and mid-term application
- | General lighting is the largest long term growth, with CAGR of 28.1% from 2010 to 2016

LED Growth Engine: Lighting

LED share in light source market will grow from 0.6% in 2008 to **61.3%** in 2020.



LED Penetration Rate in Lighting Market; Source: 拓璞, May/2010

Lextar

Smart Lighting, Amazing Life