

Global LED Driver Market Research Report 2016

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Abstracts

This report studies LED Driver in Global market, especially in North America, Europe, China, Japan, Taiwan and India, focuses on top manufacturers in global market, with capacity, production, price, revenue and market share for each manufacturer, covering

A-BRIGHT Inc

ADDtek Corp

Advanced Analog Technology, Inc.

Agilent(Hewlett-Packard)

Freescale Semiconductor, Inc

Gamewell-FCI by Honeywell

Gilway Technical Lamp

GREATECS

KEC(Korea Electronics)

Kingbright Corporation

LDT Co., Ltd

LightKey Optoelectronics Ltd.

LIGITEK electronics co., ltd.

Lite-On Technology Corporation

NXP Semiconductors

Panasonic Semiconductor

Potato Semiconductor Corporation

Unity Opto Technology

Visual Communications Company

Wolfson Microelectronics plc

Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of LED Driver in these regions, from 2011 to 2021 (forecast), like

North America

China

Europe

Japan

Taiwan

India

Row

Split by Product Types, with production, revenue, price, market share and growth rate of each type, can be divided into

Constant Current Driver
350mA

700mA

1A

Constant Voltage Driver
10V

12V

24V

Split by applications, this report focuses on consumption, market share and growth rate of LED Driver in each application, can be divided into

General Lighting

Cell phone camera flash

Signage

LCD backlighting

Automotive interior or tail lights

Portable flashlight/torch

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7.15 NXP Semiconductors

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1 LED Driver Market Overview

1.1 Product Overview and Scope of LED Driver

LEDs are driven by constant current (350mA, 700mA or 1A) drivers or constant voltage (10V, 12V or 24V) drivers. Constant current drivers fix the current of the system and vary the voltage depending on the load of the LED. Constant voltage drivers require a fixed voltage, and the LED loads are added in parallel across the output of the driver until maximum output currents are reached.

Figure Picture of LED Driver

Source: QYR Electronics Research Center, Dec. 2016

1.2 LED Driver Segment by Types

1.2.1 Global Production Market Share of LED Driver by Types in 2015

Figure Global Production Market Share of LED Driver by Types in 2015

Source: QYR Electronics Research Center, Dec. 2016

Table Classification of LED Driver

Types

Feature

Description

1

2

3

Source: QYR Electronics Research Center, Dec. 2016

1.2.2 Constant Current Driver

Figure Product Picture of Constant Current Driver

Source: QYR Electronics Research Center, Dec. 2016

Table Major Manufacturers of Constant Current Driver

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

?

Source: Above Companies; QYR Electronics Research Center, Dec. 2016

1.2.2.1 350mA

1.2.2.2 700mA

1.2.2.3 1A

1.2.3 Constant Voltage Driver

Figure Product Picture of Constant Voltage Driver

Source: QYR Electronics Research Center, Dec. 2016

Table Major Manufacturers of Constant Voltage Driver

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

?

Source: Above Companies; QYR Electronics Research Center, Dec. 2016

1.2.3.1 10V

1.2.3.2 12V

1.2.3.3 24V

1.3 LED Driver Segment by Applications

1.3.1 LED Driver Consumption Market Share by Applications in 2015

Table LED Driver Consumption Market Share by Applications in 2015

Source: QYR Electronics Research Center, Dec. 2016

Table Applications of LED Driver

Applications

Feature

Description

1

2

3

Source: QYR Electronics Research Center, Dec. 2016

1.3.2 General Lighting

General Lighting

Figure General Lighting Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.3 Cell phone camera flash

Cell phone camera flash

Figure Cell phone camera flash Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.4 Signage

Signage

Figure Signage Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.5 LCD backlighting

LCD backlighting

Figure LCD backlighting Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.6 Automotive interior or tail lights

Automotive interior or tail lights

Figure Automotive interior or tail lights Examples

Source: QYR Electronics Research Center, Dec. 2016

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Source: QYR Electronics Research Center, Dec. 2016

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Figure India LED Driver Revenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Electronics Research Center, Dec. 2016

1.4.7 Row Status and Prospect (2011-2021)

Figure Row LED Driver Revenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Electronics Research Center, Dec. 2016

1.5 Global Market Size (Value) of LED Driver (2011-2021)

Figure Global LED Driver Revenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Electronics Research Center, Dec. 2016

2 Global LED Driver Market Competition by Manufacturers

2.1 Global LED Driver Capacity, Production and Share by Manufacturers (2015 and 2016)

Table Global LED Driver Capacity of Key Manufacturers (2015 and 2016)

Capacity?

2015

2016

A-BRIGHT Inc

?

?

ADDtek Corp

?

?

Advanced Analog Technology, Inc.

?

?

Agilent(Hewlett-Packard)

?

?

Freescale Semiconductor, Inc

?

?

??

?

Total

?

?

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table Global LED Driver Capacity Market Share of Key Manufacturers (2015 and 2016)

Capacity?

2015

2016

A-BRIGHT Inc

?

?

ADDtek Corp

?

?

Advanced Analog Technology, Inc.

?

?

Agilent(Hewlett-Packard)

?

?

Freescale Semiconductor, Inc

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?

??

?

Total

?

?

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure Global LED Driver Capacity of Key Manufacturers in 2015

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure Global LED Driver Capacity of Key Manufacturers in 2016

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table Global LED Driver Production of Key Manufacturers (2015 and 2016)

Production?

2015

2016

A-BRIGHT Inc

?

?

ADDtek Corp

?

?

Advanced Analog Technology, Inc.

?

?

Agilent(Hewlett-Packard)

?

?

Freescale Semiconductor, Inc

?

?

??

?

Total

?

?

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table Global LED Driver Production Share by Manufacturers (2015 and 2016)

Production Share

2015

2016

A-BRIGHT Inc

?

?

ADDtek Corp

?

?

??

?

Total

?

?

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure 2015 LED Driver Production Share by Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure 2016 LED Driver Production Share by Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.2 Global LED Driver Revenue and Share by Manufacturers (2015 and 2016)

Table Global LED Driver Revenue (Million USD) by Manufacturers (2015 and 2016)

Revenue?

2015

2016

A-BRIGHT Inc

?

?

ADDtek Corp

?

?

??

?

Total

?

?

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table Global LED Driver Revenue Share by Manufacturers (2015 and 2016)

Revenue Share?

2015

2016

A-BRIGHT Inc

?

?

ADDtek Corp

?

?

??

?

Total

?

?

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table 2015 Global LED Driver Revenue Share by Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table 2016 Global LED Driver Revenue Share by Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.3 Global LED Driver Average Price by Manufacturers (2015 and 2016)

Table Global Market LED Driver Average Price of Key Manufacturers (2015 and 2016)

?

2015

2016

A-BRIGHT Inc

?

?

ADDtek Corp

?

?

?

?

?

Total

?

?

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure Global Market LED Driver Average Price of Key Manufacturers in 2015

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.4 Manufacturers LED Driver Manufacturing Base Distribution, Sales Area, Product

Types

Table Manufacturers LED Driver Manufacturing Base Distribution and Sales Area

?

Manufacturing Base Distribution

Sales Area

A-BRIGHT Inc

?

ADDtek Corp

?

?

?

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table Manufacturers LED Driver Product Types

?

Product Types

A-BRIGHT Inc

?

ADDtek Corp

?

?

?

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.5 LED Driver Market Competitive Situation and Trends?

2.5.1 LED Driver Market Concentration Rate

2.5.2 LED Driver Market Share of Top 3 and Top 5 Manufacturers

Figure LED Driver Market Share of Top 3 Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure LED Driver Market Share of Top 5 Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.5.3 Mergers & Acquisitions, Expansion

3 Global LED Driver Capacity, Production, Revenue (Value) by Regions (2011-2016)

3.1 Global LED Driver Capacity and Market Share by Regions (2011-2016)

Table Global LED Driver Capacity by Regions (2011-2016)

?

2011

2012

2013

2014

2015

2016
North America
Europe
China
Japan
Taiwan
India
Row
ROW
Total
?
?
?
?
?
?

Source: QYR Electronics Research Center, Dec. 2016
Figure Global LED Driver Capacity Market Share by Regions (2011-2016)

?
2011
2012
2013
2014
2015
2016
North America
Europe
China
Japan
Taiwan
India
Row
ROW
Total
?
?
?
?
?

?

Source: QYR Electronics Research Center, Dec. 2016

Figure Global LED Driver Capacity Market Share by Regions (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Global LED Driver Capacity Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

3.2 Global LED Driver Production and Market Share by Regions (2011-2016)

Table Global LED Driver Production by Regions (2011-2016)

?

2011

2012

2013

2014

2015

2016

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

?

?

?

?

?

?

Source: QYR Electronics Research Center, Dec. 2016

Figure Global LED Driver Production and Market Share by Regions (2011-2016)

?

2011

2012

2013

2014

2015

2016

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

?

?

?

?

?

?

Source: QYR Electronics Research Center, Dec. 2016

Figure Global LED Driver Production Market Share by Regions (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Global LED Driver Production Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

3.3 Global LED Driver Revenue (Value) and Market Share by Regions (2011-2016)

Table Global LED Driver Revenue by Regions (2011-2016)

?

2011

2012

2013

2014

2015

2016

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

?

?
?
?
?
?

Source: QYR Electronics Research Center, Dec. 2016

Table Global LED Driver Revenue Market Share by Regions (2011-2016)

?

2011

2012

2013

2014

2015

2016

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

?

?

?

?

?

?

Source: QYR Electronics Research Center, Dec. 2016

Table 2015 Global LED Driver Revenue Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

3.4 Global LED Driver Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

Table Global LED Driver Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

?

2011

2012

2013

2014

2015

2016

Capacity

?

?

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Production

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?

?

Capacity Utilization Rate

?

?

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Revenue

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?

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Price

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Gross Profit

- ?
- ?
- ?
- ?
- ?
- ?

Cost

- ?
- ?
- ?
- ?
- ?
- ?

Gross Margin

- ?
- ?
- ?
- ?
- ?
- ?

Source: QYR Electronics Research Center, Dec. 2016

3.5North America LED Driver Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table North America LED Driver Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

?

2011

2012

2013

2014

2015

2016

Capacity

- ?
- ?
- ?
- ?
- ?

?

Production

?

?

?

?

?

?

Capacity Utilization Rate

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Revenue

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?

?

?

Price

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?

?

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Gross Profit

?

?

?

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Cost

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?

?

?

?

Gross Margin

?

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?

?

Source: QYR Electronics Research Center, Dec. 2016

3.6 Europe LED Driver Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

Table Europe LED Driver Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

?

2011

2012

2013

2014

2015

2016

Capacity

?

?

?

?

?

?

Production

?

?

?

?

?

?

Capacity Utilization Rate

?

?

?

?

?

?

Revenue

?

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?

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Price

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Gross Profit

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Cost

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Gross Margin

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?

Source: QYR Electronics Research Center, Dec. 2016

3.7 China LED Driver Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table China LED Driver Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

?

2011

2012

2013

2014

2015

2016

Capacity

?

?

?

?

?

?

Production

?

?

?

?

?

?

Capacity Utilization Rate

?

?

?

?

?

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Revenue

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Price

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Gross Profit

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?

?

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Cost

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?

?

?

Gross Margin

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?

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Source: QYR Electronics Research Center, Dec. 2016

3.8 Japan LED Driver Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

Table Japan LED Driver Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

?

2011

2012

2013

2014

2015

2016

Capacity

?

?

?

?

?

?

Production

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?

?

Capacity Utilization Rate

?

?

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?

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Revenue

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Price

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Gross Profit

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Cost

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Gross Margin

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Source: QYR Electronics Research Center, Dec. 2016

3.9 Taiwan LED Driver Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

Table Taiwan LED Driver Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

?

2011

2012

2013

2014

2015

2016

Capacity

?

?

?

?

?

?

Production

- ?
- ?
- ?
- ?
- ?
- ?
- ?

Capacity Utilization Rate

- ?
- ?
- ?
- ?
- ?
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- ?

Revenue

- ?
- ?
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- ?
- ?
- ?
- ?

Price

- ?
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- ?

Gross Profit

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- ?

Cost

- ?
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- ?

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Gross Margin

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Source: QYR Electronics Research Center, Dec. 2016

3.10 India LED Driver Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

Table India LED Driver Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

?

2011

2012

2013

2014

2015

2016

Capacity

?

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Production

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?

?

Capacity Utilization Rate

?

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Revenue

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Price

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Gross Profit

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Cost

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Gross Margin

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Source: QYR Electronics Research Center, Dec. 2016

3.11 Row LED Driver Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

Table Row LED Driver Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

?

2011

2012

2013

2014

2015

2016

Capacity

?

?

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Production

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?

?

Capacity Utilization Rate

?

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Revenue

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Price

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Gross Profit

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Cost

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Gross Margin

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Source: QYR Electronics Research Center, Dec. 2016

4 Global LED Driver Supply (Production), Consumption, Export, Import by Regions (2011-2016)

4.1 Global LED Driver Consumption by Regions (2011-2016)

Table Global LED Driver Consumption Market by Regions (2011-2016)

?

2011

2012

2013

2014

2015
2016
North America
Europe
China
Japan
Taiwan
India
Row
ROW
Total
?
?
?
?
?
?

Source: QYR Electronics Research Center, Dec. 2016
Table Global LED Driver Consumption Market Share by Regions (2011-2016)

?
2011
2012
2013
2014
2015
2016
North America
Europe
China
Japan
Taiwan
India
Row
ROW
Total
?
?
?
?

?

?

Source: QYR Electronics Research Center, Dec. 2016

Figure Global LED Driver Consumption Market Share by Regions (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Global LED Driver Consumption Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

4.2North America LED Driver Production, Consumption, Export, Import by Regions
(2011-2016)

Table North America LED Driver Production, Consumption, Import & Export
(2011-2016)

?

2011

2012

2013

2014

2015

2016

Production

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Import

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Export

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?

Consumption

- ?
- ?
- ?
- ?
- ?
- ?

Source: QYR Electronics Research Center, Dec. 2016

4.3 Europe LED Driver Production, Consumption, Export, Import by Regions
(2011-2016)

Table Europe LED Driver Production, Consumption, Import & Export (2011-2016)

?

2011

2012

2013

2014

2015

2016

Production

- ?
- ?
- ?
- ?
- ?
- ?

Import

- ?
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- ?
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- ?
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Export

- ?
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- ?
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- ?
- ?

Consumption

- ?
- ?
- ?
- ?
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- ?

Source: QYR Electronics Research Center, Dec. 2016

4.4 China LED Driver Production, Consumption, Export, Import by Regions (2011-2016)

Table China LED Driver Production, Consumption, Import & Export (2011-2016)

?

2011

2012

2013

2014

2015

2016

Production

- ?
- ?
- ?
- ?
- ?
- ?

Import

- ?
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Export

- ?
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- ?
- ?
- ?
- ?

Consumption

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Source: QYR Electronics Research Center, Dec. 2016

4.5 Japan LED Driver Production, Consumption, Export, Import by Regions (2011-2016)

Table Japan LED Driver Production, Consumption, Import & Export (2011-2016)

?

2011

2012

2013

2014

2015

2016

Production

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Import

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Export

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Consumption

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Source: QYR Electronics Research Center, Dec. 2016

4.6 Taiwan LED Driver Production, Consumption, Export, Import by Regions (2011-2016)

Table Taiwan LED Driver Production, Consumption, Import & Export (2011-2016)

?

2011

2012

2013

2014

2015

2016

Production

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Import

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Export

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Consumption

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Source: QYR Electronics Research Center, Dec. 2016

4.7 India LED Driver Production, Consumption, Export, Import by Regions (2011-2016)

Table India LED Driver Production, Consumption, Import & Export (2011-2016)

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2011

2012

2013

2014

2015

2016

Production

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Import

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Export

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Consumption

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Source: QYR Electronics Research Center, Dec. 2016

4.8 Row LED Driver Production, Consumption, Export, Import by Regions (2011-2016)

Table Row LED Driver Production, Consumption, Import & Export (2011-2016)

?

2011

2012

2013

2014

2015

2016

Production

?

?

?

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?

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Import

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Export

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Consumption

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Source: QYR Electronics Research Center, Dec. 2016

5 Global LED Driver Production, Revenue (Value), Price Trend by Types

5.1 Global LED Driver Production and Market Share by Types (2011-2016)

Table Global LED Driver Production by Types (2011-2016)

?

2011

2012

2013

2014

2015

2016

Constant Current Driver

Constant Voltage Driver

?

Total

Source: QYR Electronics Research Center, Dec. 2016

Table Global LED Driver Production Share by Types (2011-2016)

?

2011

2012

2013

2014

2015

2016

Constant Current Driver

Constant Voltage Driver

?

Total

?

?

?

?

?

?

Source: QYR Electronics Research Center, Dec. 2016

Figure Production Market Share of LED Driver by Types (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Production Market Share of LED Driver by Types

Source: QYR Electronics Research Center, Dec. 2016

5.2 Global LED Driver Revenue and Market Share by Types (2011-2016)

Table Global LED Driver Revenue by Types (2011-2016)

?

2011

2012

2013

2014

2015

2016

Constant Current Driver

Constant Voltage Driver

?

Total

?

?

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?

Source: QYR Electronics Research Center, Dec. 2016

Table Global LED Driver Revenue Share by Types (2011-2016)

?

2011

2012

2013

2014

2015

2016

Constant Current Driver

Constant Voltage Driver

?

Total

?

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?

?

Source: QYR Electronics Research Center, Dec. 2016

Figure Production Revenue Share of LED Driver by Types (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Revenue Market Share of LED Driver by Types

Source: QYR Electronics Research Center, Dec. 2016

5.3 Global LED Driver Price by Type (2011-2016)

Table Global LED Driver Price by Types (2011-2016)

?

2011

2012

2013

2014

2015

2016

Constant Current Driver

Constant Voltage Driver

?

Total

Source: QYR Electronics Research Center, Dec. 2016

5.4 Global LED Driver Production Growth by Type (2011-2016)

Figure Global LED Driver Production Growth by Type (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

6 Global LED Driver Market Analysis by Applications

6.1 Global LED Driver Consumption and Market Share by Applications (2011-2016)

Table Global LED Driver Consumption by Applications (2011-2016)

?

2011

2012

2013

2014

2015

2016

General Lighting

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Cell phone camera flash

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Total

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Source: QYR Electronics Research Center, Dec. 2016

Table Global LED Driver Consumption Market Share by Applications (2011-2016)

?

2011

2012

2013

2014

2015

2016

General Lighting

?

?

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Cell phone camera flash

?

?

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?

?

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Total

?

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?

Source: QYR Electronics Research Center, Dec. 2016

Figure Global LED Driver Consumption Market Share by Applications in 2015

Source: QYR Electronics Research Center, Dec. 2016

6.2 Global LED Driver Consumption Growth Rate by Applications (2011-2016)

Table Global LED Driver Consumption Growth Rate by Applications (2011-2016)

?

2011

2012

2013

2014

2015

2016

General Lighting

?

?

?

?

?

?

Cell phone camera flash

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?

Source: QYR Electronics Research Center, Dec. 2016

Figure Global LED Driver Consumption Growth Rate by Applications (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

6.3 Market Driver and Opportunities

6.3.1 Potential Applications

6.3.2 Emerging Markets/Countries

7 Global LED Driver Manufacturers Profiles/Analysis

7.1 A-BRIGHT Inc

7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

Table A-BRIGHT Inc Basic Information, Manufacturing Base, Sales Area and Its

Competitors

#

Item

Description

1

Company Name

2

Website

3

Commercial Production Date of LED Driver

4

Manufacturing Locations of LED Driver

5

LED Driver Sales Area

6

Main Business/Business Overview

7

Contact Information

Source: A-BRIGHT Inc; QYR Electronics Research Center, Dec. 2016

7.1.2 LED Driver Product Types, Application and Specification

7.1.2.1 Type one

7.1.2.2 Type two

7.1.3 A-BRIGHT Inc LED Driver Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Table A-BRIGHT Inc LED Driver Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

?

2015

2016

Capacity

?

?

Production

?

?

Capacity Utilization Rate

?

?

Revenue

?

?

Price

?

?

Gross Profit

?

?

Cost

?

?

Gross Margin

?

?

Source: A-BRIGHT Inc; QYR Electronics Research Center, Dec. 2016

Figure A-BRIGHT Inc LED Driver Market Share (2015 and 2016)

Source: A-BRIGHT Inc; QYR Electronics Research Center, Dec. 2016

7.2 ADDtek Corp

7.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table ADDtek Corp Basic Informatio

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