

## Legal and additional information

### About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, printers, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at [news.samsung.com](http://news.samsung.com)

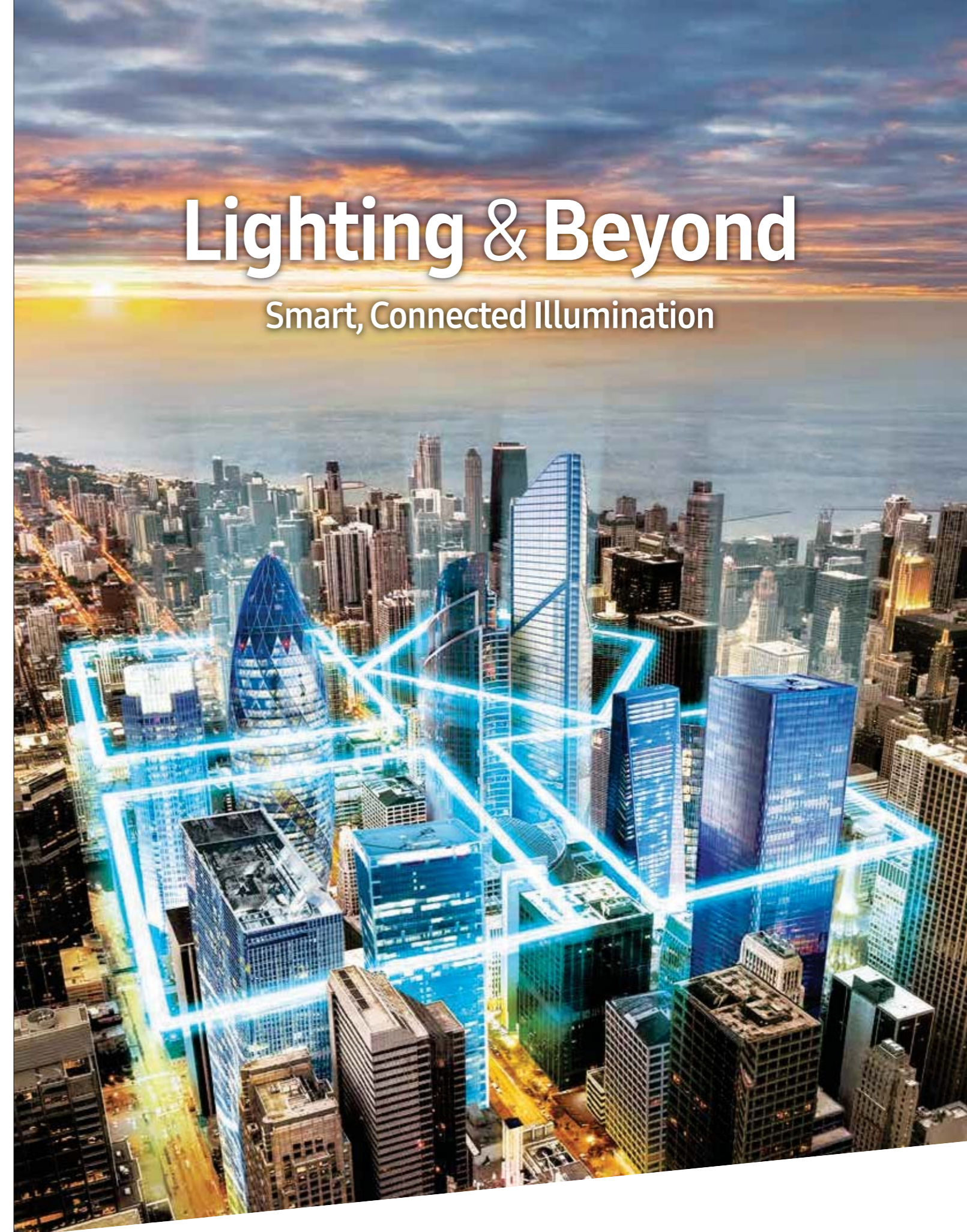
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Rev.3 Aug.2016

**SAMSUNG**



# Lighting & Beyond

Smart, Connected Illumination

| Samsung LED Driver

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# Overview & Technology

Samsung Electronics Co., Ltd. is a global leader in consumer electronics and the core components that go into them.

## Overview

Samsung's global network extends across the world where the creativity, expertise and diverse perspectives of employees are helping to drive growth.

\* As of December 2015

Manufacturing Subsidiaries	32
R&D	33
Design Centers	6
Regional Headquarters	14

77 Countries

## Brand Value

Ranked 7th in Global Brand Value, Samsung recorded a brand value of \$45.3 Billion in 2015.

\* Source : Interbrand / Business Week

Rank	Company	Rank	Company	Rank	Company	Rank	Company
1	Coca-Cola	1	Coca-Cola	1	Apple	5	IBM
2	IBM	2	Apple	2	Google	6	Toyota
3	Apple	3	IBM	3	Coca-Cola	7	Samsung Electronics
4	Google	4	Google	4	IBM	8	Samsung Electronics
...	...	...	...	...	...	...	...
...	...	9	Samsung Electronics	9	Intel	8	GE
...	...	10	Toyota	9	McDonald's	...	...
35	Sony	19	Nokia	...	...	...	...
41	Phillips	20	Amazon	...	...	...	...

## Intellectual Property

In 2015, Samsung registered 5,072 new patents at the U.S. Patent & Trade Office. This placed it as the second-highest U.S. patent winner, a position it has held for the 10 consecutive years since 2006.

\* As of December 2015



2015 US Patents Registration

\* Source: The U.S. Patent and Trademark Office (USPTO)

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Samsung aspires to create new technologies and innovative products that inspire the world, while delivering new value to enhance the lives of customers, partners and employees.

## Vertical Integration

Unique company that has full in-house solutions from raw material to Light Engines and Smart Lighting Platform



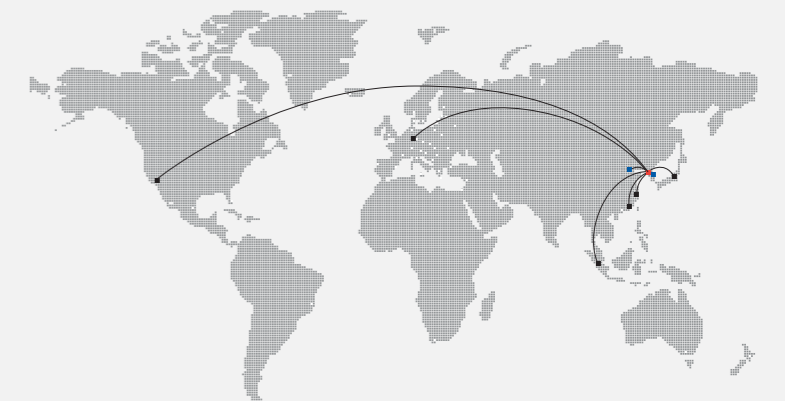
## High Reliability

Quality management & design verification system for optimizing time-to-market



## World Best SCM

Reliable, on-time delivery without delays



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# Ambient Light



SI-EPF007040WW



SI-EPF006660WW



SI-CU1425001WW / SI-CU7513001KR  
SI-CU8413001KR / SI-CU9614001KR



SI-CU5523001WW / SI-CU8725001WW  
SI-CU5523001WW / SI-CU8725001WW



SI-CU7014011KR



SLP-DUA47531WW



SI-C2G814501KR / SI-C2H817201KR

Power Consumption (W)	Size (mm)	Input Voltage (V)	Output Voltage (V)	Output Current/ch (mA)	Efficiency (%)	THD (%)	Dimming	Certification	Power factor	Remark	Model Name
75	359x30x26.5	120-277	22-52	1,000-2,100	88	<20	0-10V	UL, cUL	>0.9	Output current adjustable by Rset	SI-EPF007040WW
50	300x30x21	120-277	20-50	500-1,400	88	<20	0-10V	UL, cUL	>0.9	Output current adjustable by Rset	SI-EPF006660WW
50				500-1,400				UL, cUL, CE, KC		Output current adjustable by Rset	SI-CU1425001WW
37				500-1,400 (740)				KC		Adjustable output current by Rset. When sale, current fixed as 740mA.	SI-CU7513001KR
40	300x30x21.5	120-277	20-50	500-1,400 (800)	87	<20	0-10V	KC	>0.9	Adjustable output current by Rset. When sale, current fixed as 800mA.	SI-CU8413001KR
46				500-1,400 (925)				KC		Adjustable output current by Rset. When sale, current fixed as 925mA.	SI-CU9614001KR
30				275-555	87		Non Dim				SI-CU5523001WW
50				512-925	88		Non Dim				SI-CU8725001WW
30	165x43 x32	120-277	37-54	275-555	87	<20	0-10V	UL, cUL	>0.9	Output current adjustable by Rset	SI-CU5523001WW
50				512-925	88		0-10V				SI-CU8725001WW
40	160x46.4x30.8	120-277	25-50	500-700	87	<20	0-10V	KC	>0.9	Output current adjustable by Rset	SI-CU7014011KR
45-75	330x30x30	120-277	20-50	350-1,500	83	<20	DALI, 0-10V	CE, cUL	>0.9	Programmable (RS-485), Auxiliary Power (24V)	SLP-DUA47531WW
45	241x43x30.5	220-240	18-26	1,680	87	<20	0-10V	KC	>0.9	-	SI-C2G814501KR
72	300x43x30.5	220-240	18-26	2,550	86	<20	0-10V	KC	>0.9	-	SI-C2H817201KR

• Channel: 1 (SLP-DUA47531WW: 2 channels) • Standard lead-time: 10 weeks

# Downlight & Spotlight



SI-EPF006650WW



SI-EPF006640WW

Power Consumption (W)	Size (mm)	Input Voltage (V)	Output Voltage (V)	Output Current/ch (mA)	Efficiency (%)	THD (%)	Dimming	Certification	Power factor	Remark	Model Name
30	123x79x33	120-277	20-50	350-1,050	86	<20	0-10V	UL, cUL	>0.9	Output current adjustable by Rset	SI-EPF006650WW
15				180-500							SI-EPF006640WW

• Channel: 1 • Standard lead-time: 10 weeks

# Industrial Light



SI-CA1427501US



SI-CA2029601US

Power Consumption (W)	Size (mm)	Input Voltage (V)	Output Voltage (V)	Output Current/ch (mA)	Efficiency (%)	THD (%)	Dimming	Certification	Power factor	Remark	Model Name
75	360x31x26	100-277	27-54	975-1,400	88	<20	0-10V	UL, cUL	>0.9	Programmable Output Current	SI-CA1427501US
100	420x31x26		24-48	1,400-2,000							SI-CA2029601US

• Channel: 1 • Standard lead-time: 10 weeks

# Outdoor Light



SL-L27012502KR  
SL-L27012503KR



SL-L21425002KR  
SL-L21425003KR



SL-L22127502KR  
SL-L22127503KR



SL-L2282A012KR  
SL-L2282A013KR



SL-L2422A512KR  
SL-L2422A513KR



SL-L2562B012KR  
SL-L2562B013KR

Power Consumption (W)	Size (mm)	Input Voltage (V)	Output Voltage (V)	Output Current/ch (mA)	Efficiency (%)	THD (%)	Dimming	Certification	Power factor	Remark	Model Name	
25	177x40x37	220-240	24-33	700	85.5	<20	0-10V	KS	>0.9	IP67, Independent Type, JST	SL-L27012502KR	
50	210x40x37			1,400	88		0-10V				>0.95	SL-L21425002KR
75				2,100	88.5		0-10V				>0.95	SL-L22127502KR
100				2,800	91		1-10V				>0.95	SL-L2282A012KR
150	228x68x39.5			4,200	91.5		1-10V				>0.95	SL-L2422A512KR
200				5,600	92		1-10V				>0.95	SL-L2562B012KR
25	177x40x37	220-240	24-33	700	86	<20	0-10V	KS	>0.9	IP67, Independent Type, Molex	SL-L27012503KR	
50	210x40x37			1,400	88		0-10V				>0.95	SL-L21425003KR
75				2,100	88.5		0-10V				>0.95	SL-L22127503KR
100				2,800	91		1-10V				>0.95	SL-L2282A013KR
150	228x68x39.5			4,200	91.5		1-10V				>0.95	SL-L2422A513KR
200				5,600	92		1-10V				>0.95	SL-L2562B013KR

• Standard lead-time: 10 weeks

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SL-LA7012502US



SL-LA1425002US



SL-L22127502US



SL-LA142A002US



SL-LA212A502US



SL-L2282B002US

Power Consumption (W)	Size (mm)	Input Voltage (V)	Output Voltage (V)	Output Current/ch (mA)	Efficiency (%)	THD (%)	Dimming	Certification	Power factor	Remark	Model Name
25	193x42.5x34.5	100-277	18-36	700	85	<20	0-10V	UL, cUL	>0.9	IP67	SL-LA7012502US
50				1,400	88						SL-LA1425002US
75	173x67.5x40			2,100	89						SL-L22127502US
100	187x67.5x40			2,800	87						SL-LA142A002US
150	221x67.5x40			4,200	88						SL-LA212A502US
200	251x67.5x40			5,600	88						SL-L2282B002US

• Standard lead-time: 10 weeks

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