U.S version

SAMSUNG

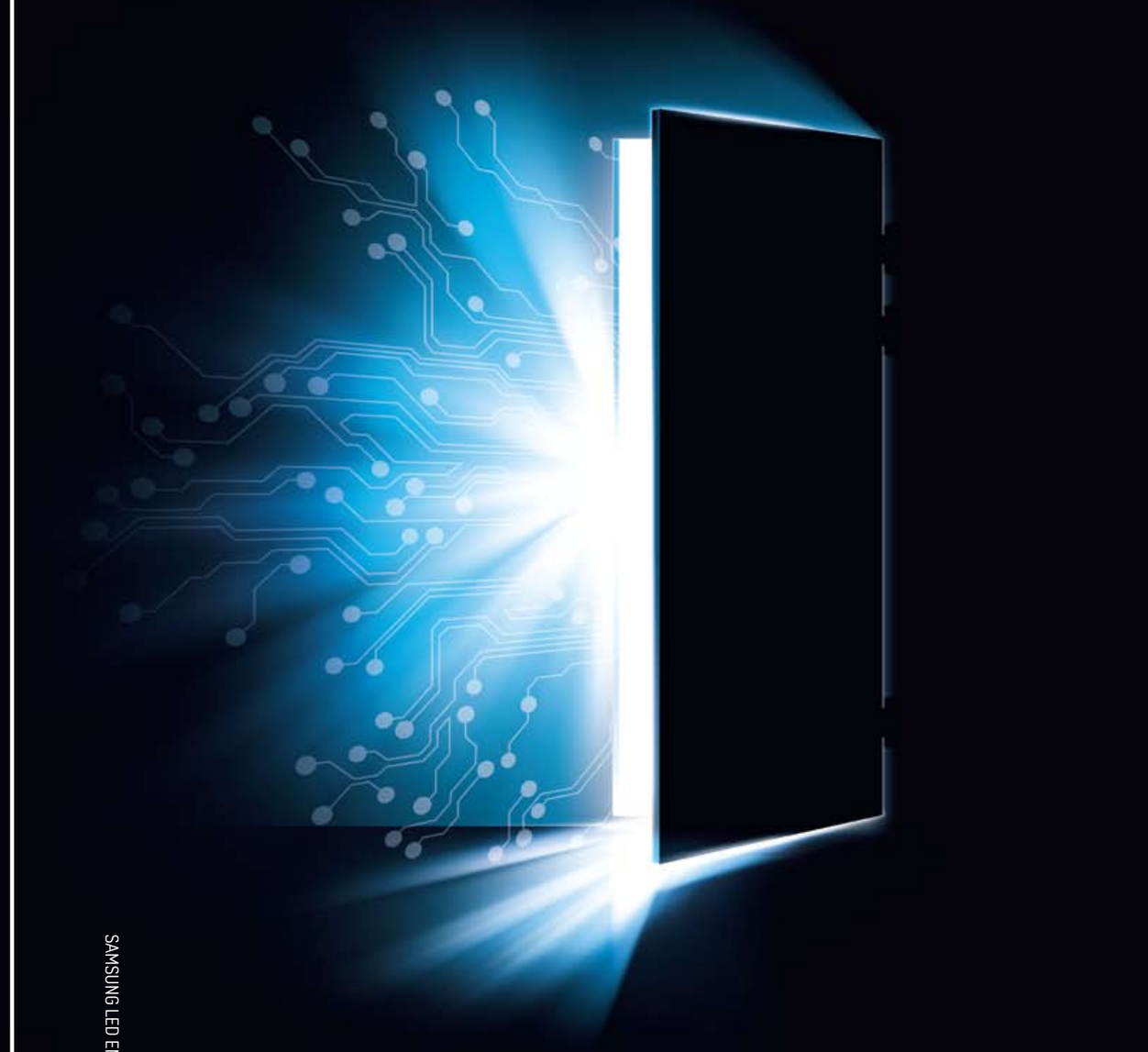
SAMSUNG ELECTRONICS
LED Business

www.samsungLED.com

January 2013

Samsung
LED Lighting

Light up
your imagination



SAMSUNG LED ENGINE

SAMSUNG

Samsung
LED Lighting

Light up
your imagination
with new LED lighting!

CONTENTS

Samsung's trusted and reliable technology with years of experience in the industry make all the difference.

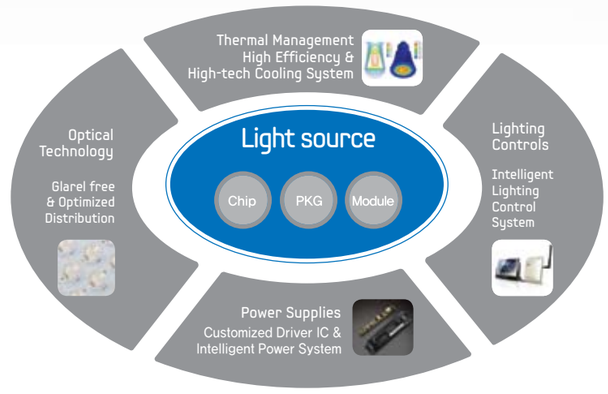
Semiconductors from Samsung are world-class.
Using the same technology from its semiconductor business,
Samsung manufactures world-class, competitive LED products.

LEDs with the world's best semiconductor technology! Samsung is the name to trust.

With broad and deep know-how in the semiconductor industry and strong research and development, Samsung produces world-class LED products that light up the future.

World-class technology and manufacturing capacity to provide a complete solution

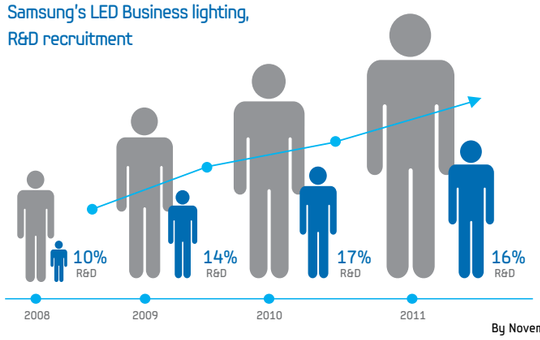
Samsung's LED Business manufactures the best quality products available with world-class technology in thermal management, optics, phosphors, and chips. Samsung's LED Business is recognized worldwide for its superb manufacturing capability of LED chips and packages.



Expanding investment in R&D every year

Samsung's LED Business aggressively invests by recruiting new and experienced experts for its LED business and R&D personnel every year to open up a new future in the bright world of LEDs.

Samsung's LED Business lighting, R&D recruitment



By November 2011

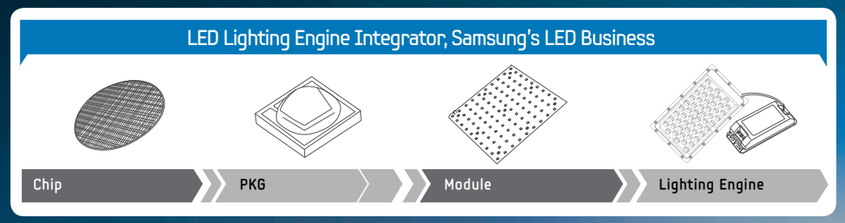
Samsung's LED Business

Manufactures all the LED products for your business needs.

Samsung's LED Business has the technology to manufacture custom LED products to suit your specific needs and requirements. Samsung's LED Business operates its own state-of-the-art supply chain system to manufacture LED products that perfectly matches for your business requirements.

Reliable and stable product supply from basic wafer-LED materials to finished products

Samsung's LED Business has a vertical and integrated manufacturing system from Epi to LED module and a proven track record of reliably supplying LED products to customers worldwide.



The global network of Samsung's LED Business makes products available according to your needs.

Samsung operates an SCM network to track stock and product information with real-time status updates to provide you with the right products at the right time.

* SCM (Supply Chain Management)
Samsung's LED Business exclusive management system to monitor manufacturing, demand, and supply of LED products in real time.

Samsung's global network provides the best service available.

Samsung's LED Business always delivers the best service with its prompt and effective global service.

Online Service www.samsungLED.com

Product Lineup

Ambient Light Engine

Downlight Engine

High Lumen Engine

Samsung LED Lighting

Engines

AMBIENT LIGHT ENGINES
Tile · Finger Type / Linear Type

DOWNLIGHT ENGINES

HIGH LUMEN ENGINES
Modular Light Engine

Reliable light engines designed for
long life and high efficiency.
Available in various sizes and shapes for
a wide variety of applications.

Ambient Light Engine

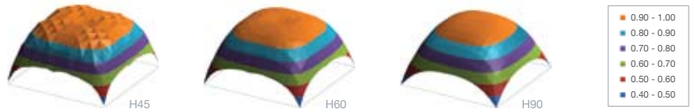
Features

Tile Type Engine (64 module product)

- Available in a variety of sizes for flexible fixture design
- UL and CE approved for reliability and safety
- Ideal for use in various types of planar lighting
- Available with a full range of compatible drivers

Tile / Finger Type Engine (32 module product)

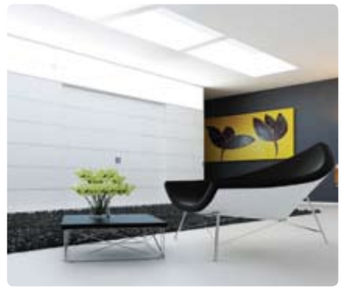
- Uses Samsung's MP23L package (LM80 certified) for proven reliablity
- Optimized number of packages are used to ensure superior light uniformity



- Full lineup available to satisfy most Office lighting customers
- Good light quality (CRI80+, MacAdam 3 step) in line with office standards
- Easy to use - accelerates design-in and manufacturing
- Peace of mind – total solution (module & driver) is available from and guaranteed by Samsung
- Best solution for luminaire makers who need both state-of-the-art LED technology & cost sensitivity

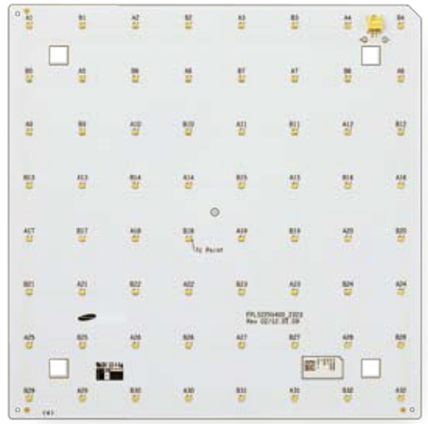
Applications

Ambient Light



Ambient Light

Ambient Light Engine
Tile Type



Module 64

Tile Type Engine (Module 64)

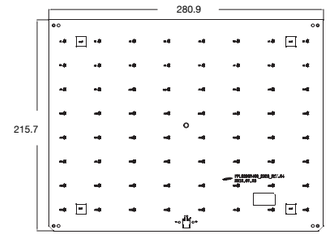
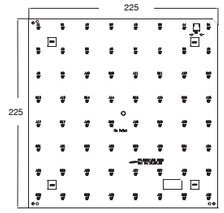
Type (ea)	Model name	Luminous flux	Power consumption (W)	Input Voltage (V)	Efficacy (lm/W)	CRI	CCT (K)	Beam Angle	Size (mm)	Temperature range	Lifetime (hrs)	Note
Module 64 (MP23L)	STIFMW850450100AAA	1,370	10.9	24	126.0	80	5,000	120	216x280	-20[℃]~+60[℃]	50,000	
	STIFMW835451100AAA	1,300			119.6		3,500		225x225			
	STIFMW840451100AAA	1,330			122.3		4,000		225x225			
	STIFMW850450200AAA	1,370			126.0		5,000		225x225			

* Luminous flux and Efficacy is base on STIFPU14550ZD24USA

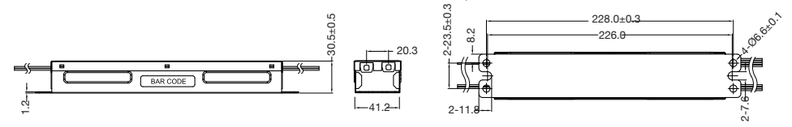
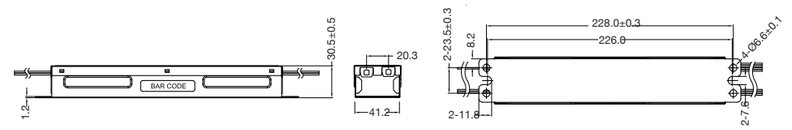
Tile Type Engine Driver (Module 64)

Model name	Power Consumption (W)	Size (mm)	Input Voltage (V)	Output Voltage (V)	Efficacy (@227)	TBD (@220)	Dimming	Note
STIFPU13545ZD24DUS	45	241x43x30.5	120~277	18.0~24.0	84%	<20%	0 to 10	
STIFPU14550ZD24USA	50	241x43x30.5	120~277	18.0~24.0	84%	<20%	0 to 10 (<1W)	

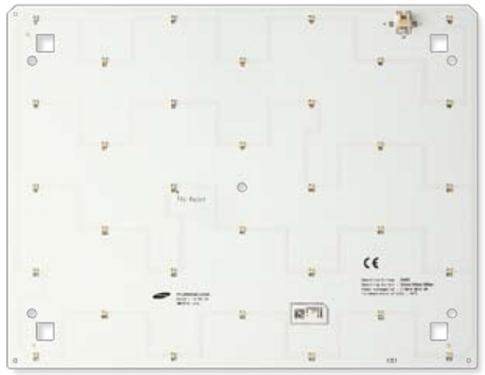
Tile Type Engine (Module 64)

Model Name	Product Outline
Module - 64 (216X280)	
Module - 64 (225X225)	

Tile Type Engine Driver (Module 64)

Model Name	Product Outline
STIFPU13545ZD24DUS	
STIFPU14550ZD24USA	

Ambient Light Engine
Tile Type



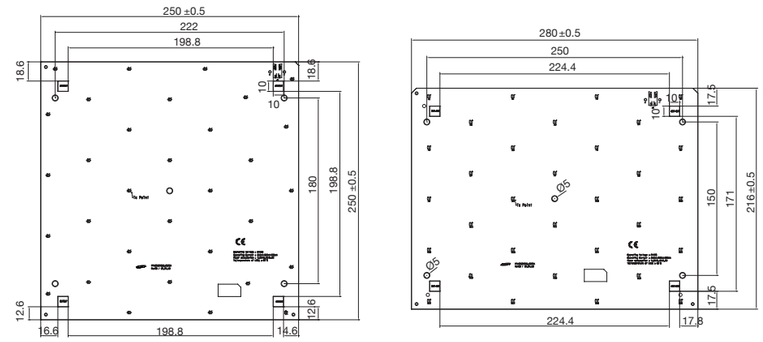
Tile Type Engine (Module32)

PCB type	Type (ea)	Model name	Luminous flux	Power consumption (W)	Input Voltage (V)	Efficacy (lm/W)	CRI	CCT (K)	Beam Angle	Size (mm)	Temperature range	Lifetime (hrs)	Note
SQU (square type PCB)	POKE-IN	STIFMW8304501POSQU	1,049	9.2	24	114	80	3,000	120	250X250	-20[℃]~+60[℃]	50,000	UL, CE
		STIFMW8354501POSQU	1,071			116		3,500					
		STIFMW8404501POSQU	1,093			119		4,000					
		STIFMW8504501POSQU	1,126			122		5,000					
		STIFMW8654501POSQU	1,117			121		6,500					
		STIFMW8304502POSQU	1,049	9.2	24	114	80	3,000	120	216X280	-20[℃]~+60[℃]	50,000	UL, CE
		STIFMW8354502POSQU	1,071			116		3,500					
		STIFMW8404502POSQU	1,093			119		4,000					
		STIFMW8504502POSQU	1,126			122		5,000					
		STIFMW8654502POSQU	1,117			121		6,500					
	PUSH-UP	STIFMW8304501PUSQU	1,049	9.2	24	114	80	3,000	120	250x250	-20[℃]~+60[℃]	50,000	UL, CE
		STIFMW8354501PUSQU	1,071			116		3,500					
		STIFMW8404501PUSQU	1,093			119		4,000					
		STIFMW8504501PUSQU	1,126			122		5,000					
		STIFMW8654501PUSQU	1,117			121		6,500					
		STIFMW8304502PUSQU	1,049	9.2	24	114	80	3,000	120	216X280	-20[℃]~+60[℃]	50,000	UL, CE
		STIFMW8354502PUSQU	1,071			116		3,500					
		STIFMW8404502PUSQU	1,093			119		4,000					
		STIFMW8504502PUSQU	1,126			122		5,000					
		STIFMW8654502PUSQU	1,117			121		6,500					

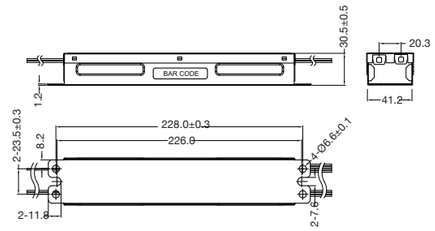
Tile Type Engine Driver (Module32)

Model name	Power Consumption (W)	Size (mm)	Input Voltage (V)	Output Voltage (V)	Efficacy (@227)	TBD (@220)	Dimming	Note
STIFPU13545ZD24DUS	45	241x43x30.5	120~277	18.0~24.0	84%	<20%	0 to 10	

Tile Type Engine (Module32)

Model Name	Product Outline
32EA 250x250 Square 216x280 Square	

Tile Type Engine Driver (Module32)

Model Name	Product Outline
STIFPU13545ZD24DUS	

Ambient Light Engine
Finger Type

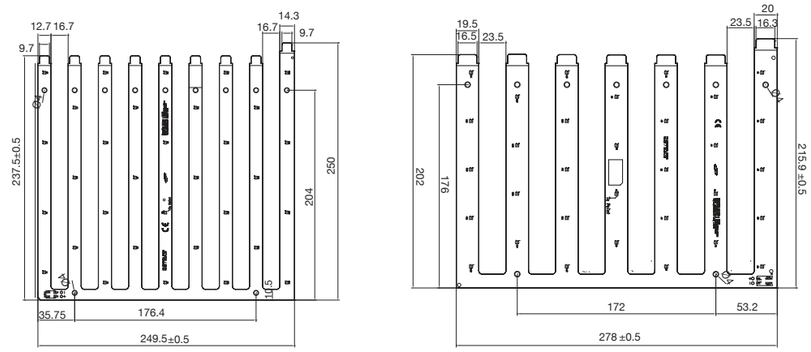
Finger Type Engine (Module32)

PCB type	Type (ea)	Model name	Luminous flux	Power consumption (W)	Input Voltage (V)	Efficacy (lm/W)	CRI	CCT (K)	Beam Angle	Size (mm)	Temperature range	Lifetime (hrs)	Note
SEP (Finger type PCB)	POKE-IN	STIFMW8304501POSEP	1,049			114		3,000					
		STIFMW8354501POSEP	1,071			116		3,500					
		STIFMW8404501POSEP	1,093	9.2	24	119	80	4,000	120	250X250	-20[℃]~+60[℃]	50,000	UL, CE
		STIFMW8504501POSEP	1,126			122		5,000					
		STIFMW8654501POSEP	1,117			121		6,500					
		STIFMW8304502POSEP	1,049			114		3,000					
		STIFMW8354502POSEP	1,071			116		3,500					
		STIFMW8404502POSEP	1,093	9.2	24	119	80	4,000	120	216X280	-20[℃]~+60[℃]	50,000	UL, CE
		STIFMW8504502POSEP	1,126			122		5,000					
		STIFMW8654502POSEP	1,117			121		6,500					
	PUSH-UP	STIFMW8304501PUSEP	1,049			114		3,000					
		STIFMW8354501PUSEP	1,071			116		3,500					
		STIFMW8404501PUSEP	1,093	9.2	24	119	80	4,000	120	250x250	-20[℃]~+60[℃]	50,000	UL, CE
		STIFMW8504501PUSEP	1,126			122		5,000					
		STIFMW8654501PUSEP	1,117			121		6,500					
		STIFMW8304502PUSEP	1,049			114		3,000					
		STIFMW8354502PUSEP	1,071			116		3,500					
		STIFMW8404502PUSEP	1,093	9.2	24	119	80	4,000	120	216X280	-20[℃]~+60[℃]	50,000	UL, CE
		STIFMW8504502PUSEP	1,126			122		5,000					
		STIFMW8654502PUSEP	1,117			121		6,500					

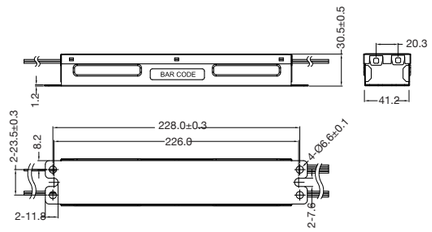
Finger Type Engine Driver (Module32)

Model name	Power Consumption (W)	Size (mm)	Input Voltage (V)	Output Voltage (V)	Efficacy (@227)	TBD (@220)	Dimming	Note
STIFPU13545ZD24DUS	45	241x43x30.5	120~277	18.0~24.0	84%	<20%	0 to 10	

Finger Type Engine (Module32)

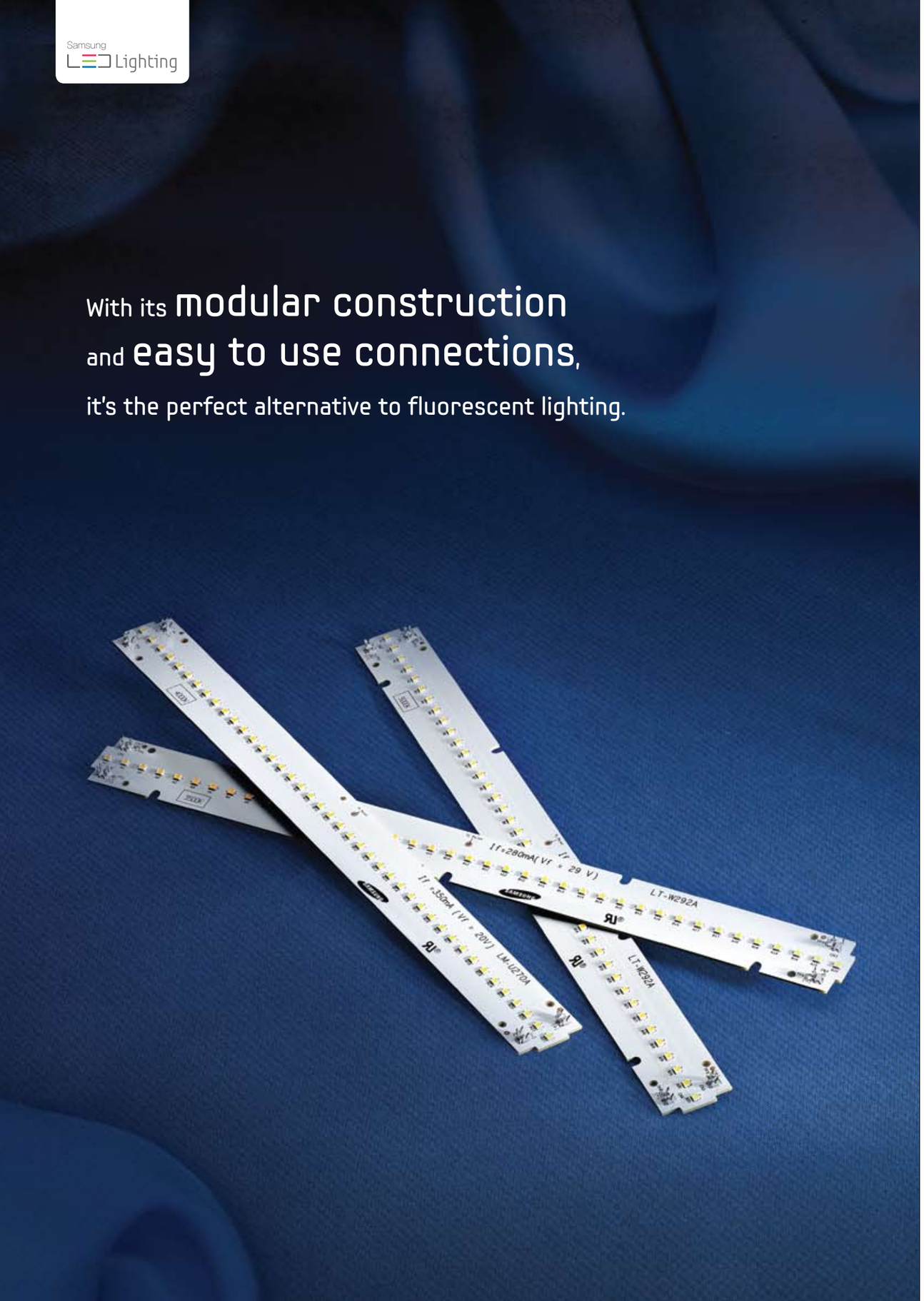
Model Name	Product Outline
32EA 250x250 Finger 216x280 Finger	

Finger Type Engine Driver (Module32)

Model Name	Product Outline
STIFPU13545ZD24DUS	

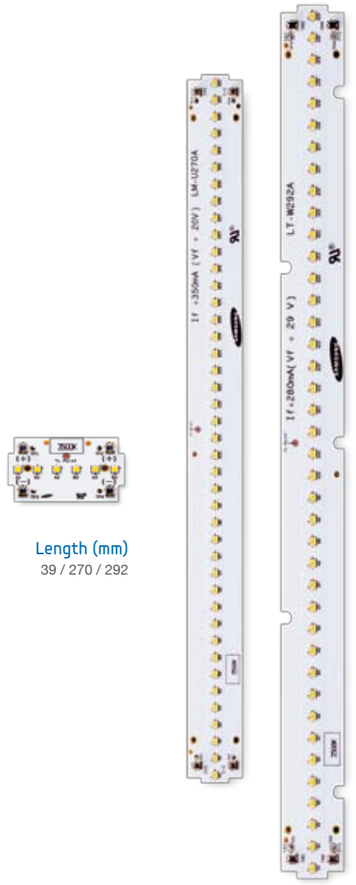
Samsung LED Lighting

With its **modular construction** and **easy to use connections**, it's the perfect alternative to fluorescent lighting.



Ambient Light Engine

Linear Type



Length (mm)
39 / 270 / 292

Features

- Modular system based on 270mm or 292mm modules
- MP23L packages deliver high efficiency
- Utilizes IDC connectors for simple and easy connections
- Available with a full range of compatible drivers

Applications

Pendant Lighting
Surface-mounted Lighting

Recessed Lighting
Cove Lighting


Pendant Lighting


Recessed Lighting

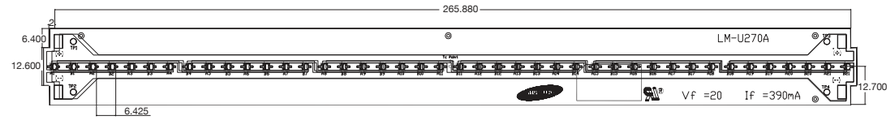

Cove Lighting

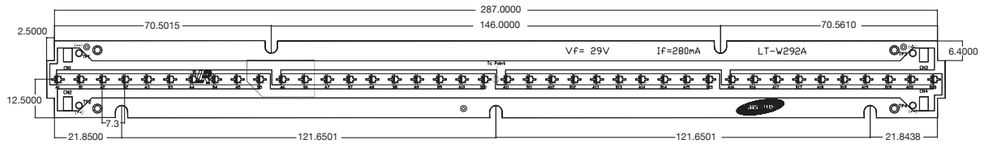
Ambient Light Engine

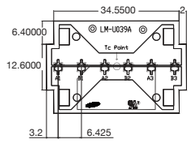
Linear Type

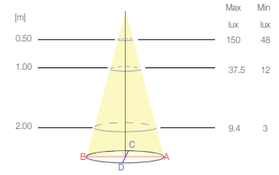
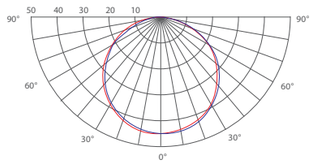
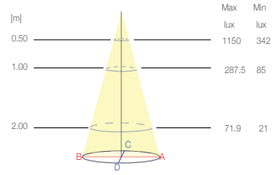
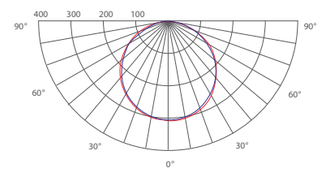
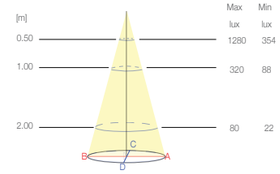
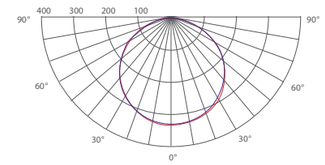
Type (Length)	Model name	Luminous flux	Power consumption (W)	Input Voltage (V)	Efficacy (lm/W)	CRI	CCT (K)	Beam angle	Weight (g)	Lifetime (hrs)	Note
39 (MP23L)	STILMW830010204AAA	132	1.1	3	125	80	3,000	115	2	50,000	UL, CE
	STILMW835010204AAA	133					3,500				
	STILMW840010204AAA	135					4,000				
	STILMW850010204AAA	137					5,000				
270 (MP23L)	STILMW830070127AAA	880	7.0	20	125	80	3,000	115	12	50,000	UL, CE
	STILMW835070127AAA	890					3,500				
	STILMW840070127AAA	900					4,000				
	STILMW850070127AAA	910					5,000				
292 (MP23L)	STILMW830080129AAA	990	8.1	29	120	80	3,000	115	12	50,000	UL, CE
	STILMW835080129AAA	1000					3,500				
	STILMW840080129AAA	1010					4,000				
	STILMW850080129AAA	1020					5,000				

Product Outline







Model Name	Radial Distribution / Conical Illuminance	Iso-illominance Curve
LM-U039A		
LM-U270A		
LT-W292A		

Samsung LED Lighting

High efficacy downlight engines

that are ideal for use in circular lighting and lamps

Downlight Engine

Features

- Suitable for circular lighting
- Simple connection for easy assembly
  : Uses Wire Poke-In connector
- Available with a full range of Class 1 and Class 2 Drivers

Applications

Downlight
Circular Ceiling Lighting

Circular Pendant Lighting

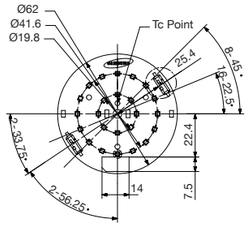
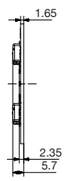
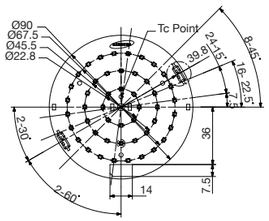
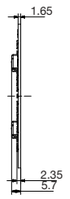
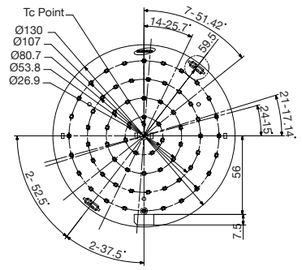
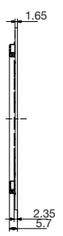
Downlight

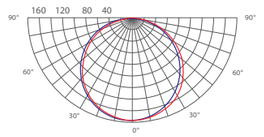
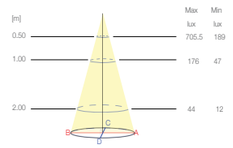
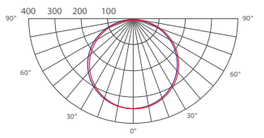
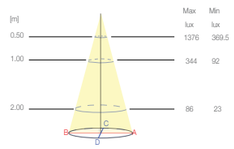
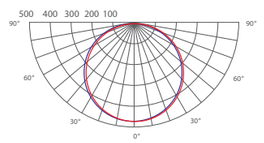
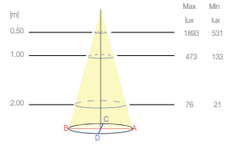
Circular Ceiling Lighting

Circular Pendant Lighting

Downlight Engine

Type	Model name	Luminous flux	Power consumption (W)	Input Voltage (V)	Efficacy (lm/W)	CRI	CCT (K)	Beam angle	Weight (g)	Temperature range	Lifetime (hrs)
Round-62B	STIDMW830042112AAA	500	4.2	12	119	80	3,000	115	11	-30℃~+50℃	35,000
	STIDMW840042112AAA	520			124		4,000				
Round-90B	STIDMW830082112AAA	950	8.4	23	118	80	3,000	115	23	-30℃~+50℃	35,000
	STIDMW840082112AAA	1010			125		4,000				
Round-130B	STIDMW830112112AAA	1380	11.6	33	119	80	3,000	115	35	-30℃~+50℃	35,000
	STIDMW840112112AAA	1440			125		4,000				

Model Name	Product Outline	
Round-62B		
Round-90B		
Round-130B		

Model Name	Radial Distribution / Conical Illuminance	Iso-illominance Curve
Round-62B		
Round-90B		
Round-130B		

High Lumen Engine

Modular Light Engine

Features

- Dimming - 0 to 10V
- High Luminous Efficacy - up to 80lm/W
- Wide range of engine combinations available from 25W to 200W for various applications
- Available with a full range of compatible drivers

With Heatsink

PKG	Type	Model name	Luminous flux	Power consumption (W)	Efficacy (lm/W)	CRI	CCT (K)	Weight (g)	Temperature range	Power factor	Lifetime (hrs)	Waterproof /Dustproof Grade	Type/ Degree
Ceramic 3535 3W	BA 85 (FLOODLIGHT)	STOPMW840250V85E31	1,500	25	60	80	4,000	280X12	-30℃~+70℃	0.9	-	IP66	Beam angle 85°
	Type 2-S1	STOPMW830250V2SE31	1,450		58	80	3,000						II–Short
	Type 2-S1	STOPMW840250V2SE31	1,500		60	80	4,000						II–Short
	Type 2-S1	STOPMW750252V2SE31	1,875		75	70	5,000						II–Short
	Type 2-S1	STOPMW757252V2SE31	1,875		75	70	5,700						II–Short
	Type 2-M2	STOPMW750252V7ME31	1,875		75	70	5,000						II–Medium

Applications

Security Lighting
Street Lighting

Indoor & Outdoor Flood Lighting
High-bay Lighting

Street Lighting

Flood Lighting

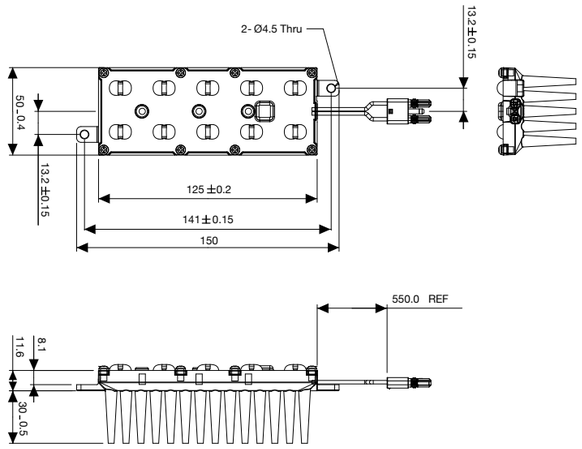
High-bay Lighting

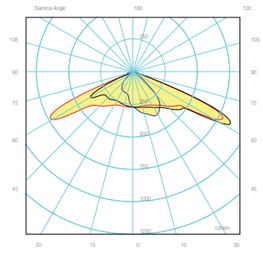
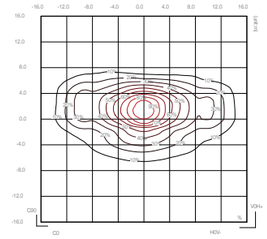
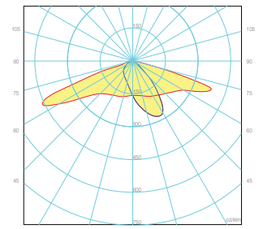
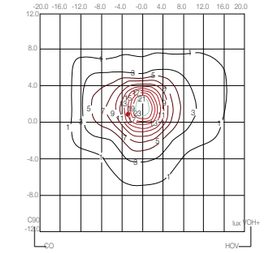
High Lumen Engine

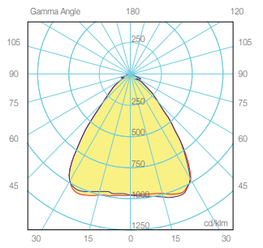
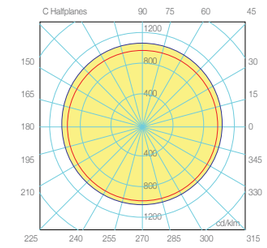
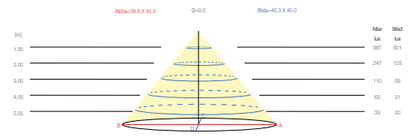
Modular Light Engine

Modular Light Engine Driver

Model name	Power Consumption (W)	Size (mm)	Input Voltage (V)	Output Voltage (V)	Output Current/ 1ch (A)	THD	Channel	Dimming	Classicification	Note
STOOPA17025Z032STD	35	196x70x33.1		28.0~34.0	0.7	< 20%	1	0 to 10	Class 2	UL, cUL
STOOPA21450Z032STD	60	196x70x33.1		28.0~36.0	1.4	< 20%	1	0 to 10	Class 2	UL, cUL
STOOPA22175Z032STD	90	196x70x33.1	100~277	28.0~36.0	2.1	< 20%	1	0 to 10	Class 2	UL, cUL
STOOPA214A0Z032STD	115	258x102.6x38.0		28.0~36.0	1.4	< 20%	2	0 to 10	Class 2	UL, cUL
STOOPA221A5Z032STD	170	258x102.6x38.0		28.0~36.0	2.1	< 20%	2	0 to 10	Class 2	UL, cUL

Model Name	Product Outline
With Heatsink (CR35H)	

Type / Degree		Radial Distribution / Conical Illuminance	Iso-illominance Curve
TYPE-II	Short 1		
TYPE-II	Medium 2		

Type / Degree		Radial Distribution / Conical Illuminance
Beam Angle	85°	   Light distribution

Light Engine

Full Lineup

Ambient Light Engine

Tile Type Engine (Module 64)

Type (ea)	Model name	Luminous flux	Power consumption (W)	Input Voltage (V)	Efficacy (lm/W)	CRI	CCT (K)	Beam Angle	Size (mm)	Temperature range	Lifetime (hrs)	Note
Module 64 (MP23L)	STIFMW850450100AAA	1,370	10.9	24	126.0	80	5,000	120	216x280	-20[℃]~+60[℃]	50,000	
	STIFMW835451100AAA	1,300			119.6		3,500		225x225			
	STIFMW840451100AAA	1,330			122.3		4,000		225x225			
	STIFMW850450200AAA	1,370			126.0		5,000		225x225			

* Luminous flux and Efficacy is base on STIFPU14550ZD24USA

Tile Type Engine Driver (Module 64)

Model name	Power Consumption (W)	Size (mm)	Input Voltage (V)	Output Voltage (V)	Efficacy (@227)	TBD (@220)	Dimming	Note
STIFPU13545ZD24DUS	45	241x43x30.5	120~277	18.0~24.0	84%	<20%	0 to 10	
STIFPU14550ZD24USA	50	241x43x30.5	120~277	18.0~24.0	84%	<20%	0 to 10 (<1W)	

Tile Type Engine (Module32)

PCB type	Type (ea)	Model name	Luminous flux	Power consumption (W)	Input Voltage (V)	Efficacy (lm/W)	CRI	CCT (K)	Beam Angle	Size (mm)	Temperature range	Lifetime (hrs)	Note
SQU (square type PCB)	PUSH-UP	STIFMW8304501PUSQU	1,049	9.2	24	114	80	3,000	120	250X250	-20[℃]~+60[℃]	50,000	UL, CE
		STIFMW8354501PUSQU	1,071			116		3,500					
		STIFMW8404501PUSQU	1,093			119		4,000					
		STIFMW8504501PUSQU	1,126			122		5,000					
		STIFMW8654501PUSQU	1,117			121		6,500					
		STIFMW8304502PUSQU	1,049			114		3,000					
		STIFMW8354502PUSQU	1,071			116		3,500					
		STIFMW8404502PUSQU	1,093			119		4,000					
		STIFMW8504502PUSQU	1,126			122		5,000					
		STIFMW8654502PUSQU	1,117			121		6,500					
	POKE-IN	STIFMW8304501POSQU	1,049			114		3,000					
		STIFMW8354501POSQU	1,071			116		3,500					
		STIFMW8404501POSQU	1,093			119		4,000					
		STIFMW8504501POSQU	1,126			122		5,000					
		STIFMW8654501POSQU	1,117			121		6,500					
		STIFMW8304502POSQU	1,049			114		3,000					
		STIFMW8354502POSQU	1,071			116		3,500					
		STIFMW8404502POSQU	1,093			119		4,000					
		STIFMW8504502POSQU	1,126			122		5,000					
		STIFMW8654502POSQU	1,117			121		6,500					

Finger Type Engine (Module32)

PCB type	Type (ea)	Model name	Luminous flux	Power consumption (W)	Input Voltage (V)	Efficacy (lm/W)	CRI	CCT (K)	Beam Angle	Size (mm)	Temperature range	Lifetime (hrs)	Note
SEP (Finger type PCB)	PUSH-UP	STIFMW8304501PUSEP	1,049	9.2	24	114	80	3,000	120	250X250	-20[℃]~+60[℃]	50,000	UL, CE
		STIFMW8354501PUSEP	1,071			116		3,500					
		STIFMW8404501PUSEP	1,093			119		4,000					
		STIFMW8504501PUSEP	1,126			122		5,000					
		STIFMW8654501PUSEP	1,117			121		6,500					
		STIFMW8304502PUSEP	1,049			114		3,000					
		STIFMW8354502PUSEP	1,071			116		3,500					
		STIFMW8404502PUSEP	1,093			119		4,000					
		STIFMW8504502PUSEP	1,126			122		5,000					
		STIFMW8654502PUSEP	1,117			121		6,500					
	POKE-IN	STIFMW8304501POSEP	1,049	9.2	24	114	80	3,000	115	250X250	-20[℃]~+60[℃]	50,000	UL, CE
		STIFMW8354501POSEP	1,071			116		3,500					
		STIFMW8404501POSEP	1,093			119		4,000					
		STIFMW8504501POSEP	1,126			122		5,000					
		STIFMW8654501POSEP	1,117			121		6,500					
		STIFMW8304502POSEP	1,049			114		3,000					
		STIFMW8354502POSEP	1,071			116		3,500					
		STIFMW8404502POSEP	1,093	9.2	24	119	80	4,000	115	216X280	-20[℃]~+60[℃]	50,000	UL, CE
		STIFMW8504502POSEP	1,126			122		5,000					
		STIFMW8654502POSEP	1,117			121		6,500					

Tile / Finger Type Engine Driver (Module32)

Model name	Power Consumption (W)	Size (mm)	Input Voltage (V)	Output Voltage (V)	Efficacy (@227)	TBD (@220)	Dimming	Note
STIFPU13545ZD24DUS	45	241x43x30.5	120~277	18.0~24.0	84%	<20%	0 to 10	

Light Engine

Full Lineup

Linear Type Engine

Type (Length)	Model name	Luminous flux	Power consumption (W)	Input Voltage (V)	Efficacy (lm/W)	CRI	CCT (K)	Beam angle	Weight (g)	Lifetime (hrs)	Note
39 (MP23L)	STILMW830010204AAA	132	1.1	3	125	80	3,000	115	2	50,000	UL, CE
	STILMW835010204AAA	133					3,500				
	STILMW840010204AAA	135					4,000				
	STILMW850010204AAA	137					5,000				
270 (MP23L)	STILMW830070127AAA	880	7.0	20	125	80	3,000	115	12	50,000	UL, CE
	STILMW835070127AAA	890					3,500				
	STILMW840070127AAA	900					4,000				
	STILMW850070127AAA	910					5,000				
292 (MP23L)	STILMW830080129AAA	990	8.1	29	120	80	3,000	115	12	50,000	UL, CE
	STILMW835080129AAA	1000					3,500				
	STILMW840080129AAA	1010					4,000				
	STILMW850080129AAA	1020					5,000				

Downlight Engine

Type	Model name	Luminous flux	Power consumption (W)	Input Voltage (V)	Efficacy (lm/W)	CRI	CCT (K)	Beam angle	Weight (g)	Temperature range	Lifetime (hrs)
Round-62B	STIDMW830042112AAA	500	4.2	12	119	80	3,000	115	11	-30℃~+50℃	35,000
	STIDMW840042112AAA	520			124		4,000				
Round-90B	STIDMW830082112AAA	950	8.4	23	118	80	3,000	115	23	-30℃~+50℃	35,000
	STIDMW840082112AAA	1010			125		4,000				
Round-130B	STIDMW830112112AAA	1380	11.6	33	119	80	3,000	115	35	-30℃~+50℃	35,000
	STIDMW840112112AAA	1440			125		4,000				

High Lumen Engine

Modular Light Engine

PKG	Type	Model name	Luminous flux	Power consumption (W)	Efficacy (lm/W)	CRI	CCT (K)	Weight (g)	Temperature range	Power factor	Lifetime (hrs)	Waterproof /Dustproof Grade	Type/ Degree
Ceramic 3535 3W	BA 85 (FLOODLIGHT)	STOPMW840250V85E31	1,500	25	60	80	4,000	280X12	-30℃~+70℃	0.9	-	IP66	Beam angle 85°
	Type 2-S1	STOPMW830250V2SE31	1,450		58	80	3,000						II–Short
	Type 2-S1	STOPMW840250V2SE31	1,500		60	80	4,000						II–Short
	Type 2-S1	STOPMW750252V2SE31	1,875		75	70	5,000						II–Short
	Type 2-S1	STOPMW757252V2SE31	1,875		75	70	5,700						II–Short
	Type 2-M2	STOPMW750252V7ME31	1,875		75	70	5,000						II–Medium

Modular Light Engine Driver

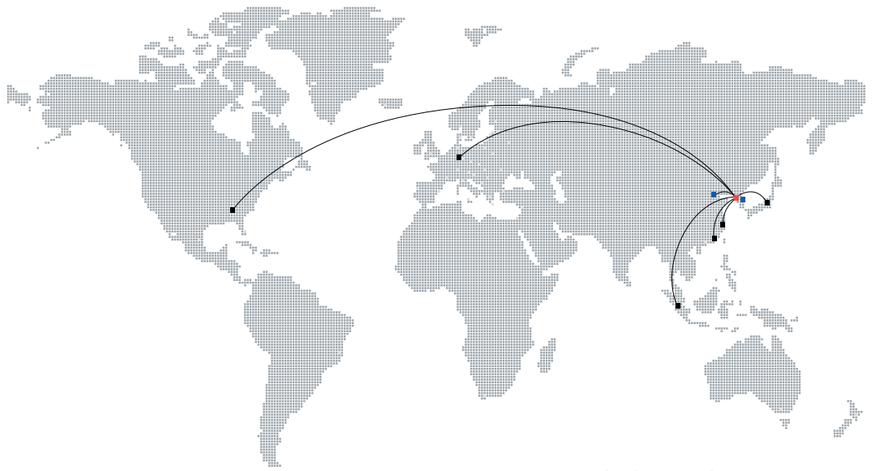
Model name	Power Consumption (W)	Size (mm)	Input Voltage (V)	Output Voltage (V)	Output Current/ 1ch (A)	THD	Channel	Dimming	Classicification	Note
STOOPA17025Z032STD	35	196x70x33.1	100~277	28.0~34.0	0.7	< 20%	1	0 to 10	Class 2	UL, cUL
STOOPA21450Z032STD	60	196x70x33.1		28.0~36.0	1.4	< 20%	1	0 to 10	Class 2	UL, cUL
STOOPA22175Z032STD	90	196x70x33.1		28.0~36.0	2.1	< 20%	1	0 to 10	Class 2	UL, cUL
STOOPA214A0Z032STD	115	258x102.6x38.0		28.0~36.0	1.4	< 20%	2	0 to 10	Class 2	UL, cUL
STOOPA221A5Z032STD	170	258x102.6x38.0		28.0~36.0	2.1	< 20%	2	0 to 10	Class 2	UL, cUL

Network

Samsung's LED Business global network across the world

With production bases in 2 countries and regional headquarters in 6 countries, the world is getting smaller.

Samsung's LED Business is a global company and we are growing everyday.



Worldwide Samsung

Headquarters /
Giheung Business Center in Korea

Giheung Business Center (HQ) is responsible for R&D and is the Engineering Center for our entire range of products.

We serve as the center of the integrated global network for Samsung's LED business by using a pilot production line for prototype products and performing diverse HQ functions such as sales, purchasing, research and management support.

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