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Samsung LED

Linear Platform Module

• Indoor Linear Light: H-Series Gen3, S-Series, M-Series Gen2, V-Series

Industrial Light: inFlux Series, F-Series, R-Series



SAMSUNG

May 2017

Rev. 1, May 2017

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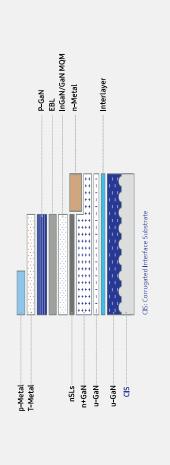
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Technology Leadership

High-efficieny epitaxial technology

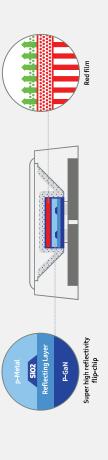
Epitaxial growth technology such as carrier injection, internal radiative efficiency and light extraction



High-efficieny phosphor technology

Reducing interference of red and green phosphors

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High-efficieny process technology

Achieving high extraction efficiency by embedded mold, phosphor film and color uniformity





Indoor Linear Light

With its modular construction, easy to use connections and best color consistency, Samsung's linear module line-ups are well-suited for various designs of luminaires.

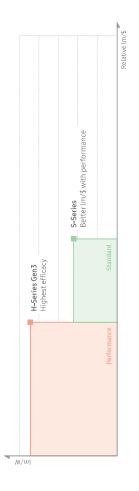






A wide range of lighting solutions

Various lighting solutions from cost effective to superior performance for tube looking applications



Greater design flexibility H-Series Gen3, S-Series

Same foot-print across the line-ups

Easy to replace modules across the line-ups for the desired lumen output of the luminaire



Two Wiring options for various usage

Simple assembly by 2 wiring options, Front and Rear wiring connections



Linear Platform Module | 3

H-Series Gen3

□ 288H-II □ 288

roduct	Product Luminous Flux ((m)	Power Input IF Imax Efficacy Consumption Voltage (mA) (mA) (Im/W) (W)	Input (V)	(mA)	(mA)	Efficacy (lm/W)	<u>R</u>	58	Beam Angle (°)	Size (mm)	Femperature Range (°C)	Life time (hrs)	Temperature Life time Certification Range (hrs) (°C)	Part Number
	1935					179		3000						SI-B8V11156HEU
LT-H562C	2020	10.8	45.0	240	009	187	*08	4000	115	80+ 4000 115 559.7×23.8×7.4 -20-+50	-20~+50	20000	CE, ENEC	SI-B8T11156HEU
	2020					187		9200						SI-B8P11156HEU A-SI-B8P11256HEU -
	970					180		3000						SI-B8V05128HEU
-H282C	LT-H282C 1010	5.4	22.5	240	009	187	*00 *	80+ 4000 115	115	279.7×23.8×5.2 a_ 279.7×23.8×7.4 ==	-20~+50	20000	CE, ENEC	SI-B8T05128HEU
	1010					187		9200						SI-B8P05128HEU

* A. Frontwiring connector, Tr Rearwiring conne

S-Series

LT-SS62H (Hgh) Vd1lloph)

LT-SS62H (Hgh) Vd1lloph)

LT-SS62H (Hgh) Vd1lloph)

Product	Luminous Flux (Im)	Power Input Consumption Voltage (W) (V)	Input Voltage (V)	IF (mA)	Imax E (mA)	Efficacy (tm/W)	픙	28	Beam Angle (°)	Size (mm)	Temperature Range (°C)	Life time (hrs)	Certifica- tion	Part Number
	2155					163		3000						SI-B8V13156SEU
LT-5562H	2250	13.2	46.9	280	540	170	* +08	4000	115	559.7×23.8×5.2 a	-20~+50	20000	CE, ENEC	SI-B8T13156SEU A. SI-B8T13256SEU T
	2250					170		9200						SI-B8P13156SEU A. SI-B8P13256SEU T
	1070					163		3000						SI-B8V07128VEU
LT-S282H	1120	9.9	23.4	280	540	170	+08	4000	115	279.7×23.8×5.2 A-	-20~+50	20000	CE, ENEC	SI-B8T07128VEU
	1120					170		9200						SI-B8P07128VEU
	535					163		3000						SI-B8V03114SEU A SI-B8V03214SEU —
LT-S142H	260	3.3	11.7	280	540	170	*08	4000	115	139.8×23.8×5.2 A	-20~+50	20000	CE, ENEC	SI-B8T03114SEU
	260					170		9200						SI-B8P03114SEU A. SI-B8P03214SEU T
	1070					163		3000						SI-B8V07156SEU
LT-5562H_ V2	1120	9.9	23.4	280	540	170	80+	4000	115	559.7×23.8×5.2	-20~+50	20000	CE, ENEC	SI-B8T07156SEU
	1120					170		6500						SI-B8P07156SEU
	530					161		3000						SI-B8V03128SEU
LT-5282H_ V2	260	3.3	11.7	280	540	170	+08	4000	115	279.7×23.8×5.2	-20~+20	20000	CE, ENEC	SI-B8T03128SEU
	260					170		9200						SI-B8P03128SEU
	270					165		3000						SI-B8V02114SEU
LT-5142H_ V2	280	1.6	5.9	280	540	F	80+	4000 115		139.8×23.8×5.2	-20~+50	20000		CE, ENEC SI-B8T02114SEU
	280					E		9200						SI-B8P02114SEU

A Front wiring connector, To Rear wiring conne

V-Series

LT-V282E

| Product | Luminous | Power | Input | F | Inax Efficacy | CRI | Ream | Size | Temperature | Life time Certification | Part Number | Part Number | Consumption Voltage (mA) (m/V) (m/V) (m/V) (m/V) (m/V) (m/V) (m/V) (m/V) (m/V) | (m/V) (m/V)

M-Series Gen2

LT-Miscob G2

LT-M562C_G2

Part Number	SI-B8V113560WW	SI-B8U113560WW	SI-B8T113560WW	SI-B8R113560WW	SI-B8V152560WW	SI-B8U152560WW	SI-B8T152560WW	SI-B8R152560WW	SI-B8V172560WW	SI-B8U172560WW	SI-B8T172560WW	SI-B8R172560WW
Certification		ᆼ	UL, cUL			삥	UL, cUL			ᆼ	UL, cUL	
Life time (hrs)		000	nonine			0	00000			000	000'00	
Temperature Range (°C)		00.00	06+207-				001~07-			000	06±~07-	
Size (mm)		0.40,40,60	2007 1043.0			0 4.00.00	0.000 I 0000			0.400.400.F	2007 1073.0	
Beam Angle (°)		110	2			L .	≘			17	2	
<u>58</u>	3000	3500	4000	5000	3000	3500	4000	5000	3000	3500	4000	2000
<u>R</u>		0	100				+00				100	
Efficacy (Im/W)	141	144	148	148	141	144	148	148	151	153	158	158
(mA)	540				5	07/			1000	000		
E (Am)	450 5				009			700				
Input Voltage (V)	24.8 45				24.8			24.0				
Power Input IF Ima Consumption Voltage (mA) (my (W)		5	7111			6	V.4			17.0	0.01	
Luminous Flux (tm)	1580	1605	1650	1650	2105	2140	2200	2200	2535	2575	2655	2655
Product		LT-M562A	Gen2			LT-M562B	Gen2			LT-M562C	Gen2	

LT-M282A_G2

T-W282B_G2

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Product	Luminous Flux (Im)	Power Consumption (W)	Input Voltage ((V)	<u>⊪</u> (¥	(mA)	Efficacy (Im/W)	S.	28	Beam Angle (°)	Size (mm)	Temperature Life time Certification Range (hrs)	Life time (hrs)	Certification	Part Number
	790					142		3000						SI-B8V052280WW
LT-M282A	800	,	200	0	0.00	143	G	3500	<u> </u>	0.000	02	0000	H	SI-B8U052280WW
Gen2	825	0.0	4.7	450	040	148	+08	4000	≘	2/2X18X2/2	0C+~0Z -	nnnnc	UL, cUL	SI-B8T052280WW
	825					148		5000						SI-B8R052280WW
	1050					142		3000						SI-B8V072280WW
LT-M282B	1070	,	0	0		144	9	3500		075.40.10	0.00	000	H	SI-B8U072280WW
Gen2	1100	47	24.0	200	200	148	+ ns .	4000	_	9.CX81XC/2	06+-07-	20000	UL, cUL	SI-B8T072280WW
	1100					148		2000						SI-B8R072280WW
	1580					142		3000						SI-B8V114280WW
LT-M282C	1605	, r	2	C	5	144	ė	3500	Ļ	2 2	0.00	0000	Œ	SI-B8U114280WW
Gen2	1650	7111	0.47	420	040	148	100	4000	≘	0.0X10X3.0	06±~02=	00000	UL, cUL	SI-B8T114280WW
	1650					148		5000						SI-B8R114280WW

Linear Platform Module 7

Industrial Light

Superior performance for high flux luminaires in industrial lighting









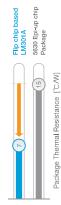
Wide lumen flux coverage (up to 40,000lm) inFlux series

Optimized for industrial lighting applications to replace T8/T5HO

Lamp	3 lamps T8 32W	4 lamps T8 32W	2 lamps T5 54W	3 lamps T5 54W	4 lamps T5 54W	8 lamps T5 54W
Lamp Flux	7,800-8,400	10,400-11,200	8,900-10,000	13,350-15,000	17,800-20,000	35,600-40,000
:	1040000	0000	04 (0.00)	(000) 90 1	L04 (4ea)	L04 (8ea)
InFlux Linear	FO+ (5ed)	Luo (284)	LOH (284)	F00 (589)	L09 (2ea)	L09 (4ea)

Easy thermal management influx series

Reduced thermal resistance using Samsung's mid-power LED LM301A



High performance without MCPCB

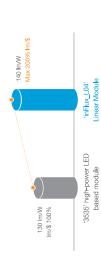
Model	VDI -	Doinepail 21
inFlux_L04	9080lm, 140lm/W	62°C (No MCPCB)
F-Series (F562A)	9020lm, 137lm/W	78°C (MCPCB)
F-Series (F564A)	8850lm, 119lm/W	60°C (MCPCB)
		# Measured at the same fixture

Better uniformity & cost effective compared to high-power LEDs in Flux series

Deliver higher lm/W & better lm/\$

Better line uniformity

3535' high-power LED based module inFlux_L04' Linear Module



inFlux

TOTACH CONTRACTOR OF THE CONTRACTOR OF T

inFlux_L09

Product	Luminous Flux (Im)	Power Consumption (W)	Input Voltage ((V)	(mA)	Imax (mA)	Efficacy (lm/W)	CR	15 15 15 15 15 15 15 15 15 15 15 15 15 1	Beam Angle (°)	Size (mm)	Temperature 1 Range (°C)	Life time (hrs)	ife time Certification (hrs)	Part Number
	4190					129		3000						SL-B8V3N80L1WW
-	4260		27.0	1400		131	G	35	00	0.00	9	0000	CE, ENEC	SL-B8U3N80L1WW
illriux_ro4	4540	9774	C.C.2	200	200	140	-	9	021	300X24X3.9	-20~±30	20000	UĽ, cUL	SL-B8T3N80L1WW
	4,540					140		2000						SL-B8R3N80L1WW
	5680					131		3000						SL-B8V4N90L1WW
70	5775		157	C		133		3500	00	0.00	00	0000	CE, ENEC	SL-B8U4N90L1WW
ood – From	0909	† †	42./	200	200	140	-	4000	021	200X24X3.7	06+-07-	20000	UL, cUL	SL-B8T4N90L1WW
	0909					140		2000						SL-B8R4N90L1WW
	8390					130		3000						SL-B8V7N90L1WW
	8530	,		0	20	132		3500	Ç	0 2	000	00001	CE, ENEC	SL-B8U7N90L1WW
IIII III III	9100	04:/	40.4	1360	000	141		4000	00	200x40x2:4	06+-07-	00000	UĹ, cUL	SL-B8T7N90L1WW
	9100					141		5000						SL-B8R7N90L1WW

8 Samsung LED

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	inFlux_S04	
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	-	C.Am
	272)	1
	2/2/	0
	72	
	77	0
k	-	
C	90	
3	77	N

Product	Luminous Flux (Im)	Power Consumption (W)	Input IF I Voltage (mA) ((V)	(mA)	Imax (mA)	Imax Efficacy (mA) (Im/W)	<u>R</u>	<u> </u>	Beam Angle (°)	Size (mm)	Temperature Life time Certification Range (hrs)	Life time (hrs)	Certification	Part Number
	2095					130		3000						SL-B8V1N40L1WW
5	2130		1	1400	0021	132		3500	50	000.000	90	000	CE, ENEC	SL-B8U1N40L1WW
11.00x = 202	2270	<u></u>	<u> </u>	1300	000	141	100	4000	071	200X24X3.9	-20~±30	00000	UĽ, cUL	SL-B8T1N40L1WW
	2270	,				141		2000						SL-B8R1N40L1WW
	2840					131		3000						SL-B8V2N70L1WW
C02	2885		000	C L	C L	133	Ö	3500	Ç	0 00000	000	000	CE, ENEC	SL-B8UZN70L1WW
Irtux_303	3030	7117	£777	200	000	140	100	4000	0.71	200X24X3.7	06+-07-	00000	UL, cUL	SL-B8T2N70L1WW
	3030					140		5000						SL-B8RZN70L1WW
	4195					129		3000						SL-B8V4N80L1WW
5	4265		1	1700 1700	20	132		3500	ç	000.400.000	000	0000	CE, ENEC	SL-B8U4N80L1WW
- 1004	4550	4:70	C.C.2	200	200	140	-	4000	0.71	20044043.7	00-00-	20000	UL, cUL	SL-B8T4N80L1WW
	4550					140		2000						SL-B8R4N80L1WW

F-Series Gen2



Part Number	I-B8V342560WV	I-B8U342560WW	SI-B8T342560WW	R342560WV
ď	SI-B8	SI-B8	SI-B8	SI-B8
Certification		H	UL, cUL	
Life time (hrs)		0000	00000	
Size Temperature Lifetime Certification (mm) Range (hrs) (°C)		000	20000	
Size (mm)		0.000	200X10X3.Z	
Beam Angle (°)		Į.	144 4000	
58	3000	3500	4000	5000
<u>R</u>			100	
Efficacy (Im/W)	138	140	1550 1620	144
(mA)		1730	1070	
(mA)		4750	1330	
Input Voltage (V)		5	0.42	
Power Input IF Imax Efficacy CRI CCT Beam Consumption Voltage (mA) (mA) (Im/W) (K) Angle (W)		22 12	23.3	
Luminous Flux (Im)	4605	4680	4820	4820
Product		LT-F562A	Gen2	

R-Series



LT-R286C
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Part Number	SI-B8V09A280WW A_SI-B8V09B280WW ~~	SI-B8T09A280WW SI-B8T09B280WW	SI-B8R09A280WW A-SI-B8R09B280WW -	SI-B8P09A280WW A	SI-B8V211280WW A-SI-B8V212280WW -	SI-B8T211280WW A-SI-B8T212280WW	SI-B8R211280WW A-SI-B8R212280WW
Femperature Life time Certification Range (hrs)		CE, ENEC	UĽ, cUL			B	
Life time (hrs)		000	00000			20000	
Temperature Range (°C)		00000	061-07-			-20~+50 50000	
Size (mm)		000	280×55×7.4 —			648 1050 145 80+ 4000 115 280×55×5.8 A	
Beam Angle (°)		5	≘			115	
<u>58</u>	3000	4000	2000	9200	3000	4000	2000
<u>e</u>		8	5			\$0°+	
(Im/W)	162	169	174	169	136	145	145
(mA)			0 # 6			1050	
<u>⊩</u> (¥		S	0.67			648	
Input Voltage (V)		5				32	
Power Input IF Imax Efficacy Consumption Voltage (mA) (mA) (Im/W) (W)		Č	*			20.7	
Luminous Flux (fm)	1520	1590	1635	1590	2810	3000	3000
Product		77000 E	LI-K200A			LT-R286C	

单击下面可查看定价,库存,交付和生命周期等信息

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