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SAMSUNG



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

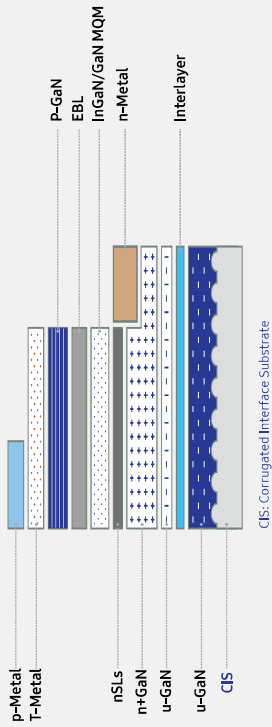
May 2017

SAMSUNG

Technology Leadership

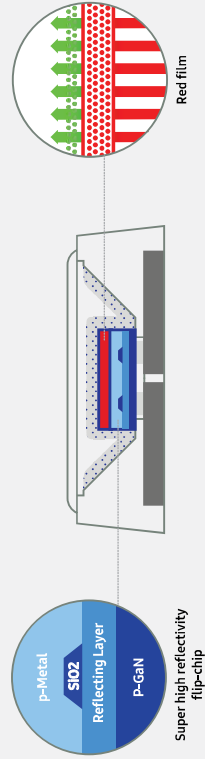
High-efficiency epitaxial technology

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



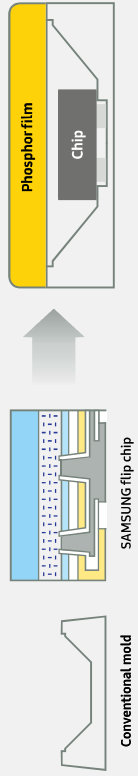
High-efficiency phosphor technology

Reducing interference of red and green phosphors



High-efficiency 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.

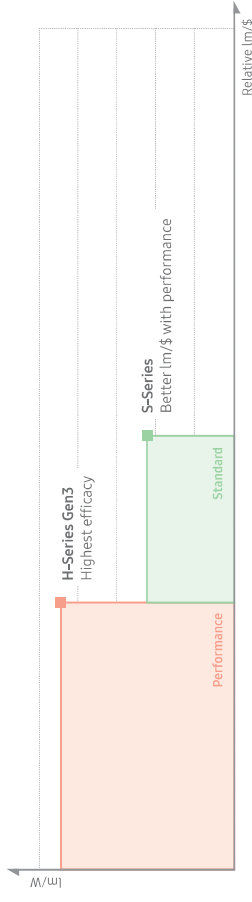
High luminous efficacy

Uniform light distribution

Easy to design

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

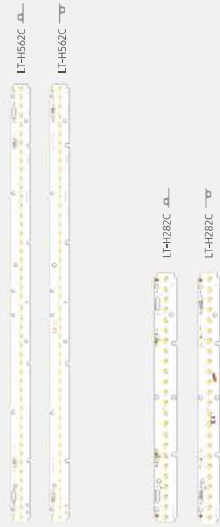
- Same foot-print across the line-ups
- Easy to replace modules across the line-ups for the desired lumen output of the luminaire



- Two Wiring options for various usage
- Simple assembly by 2 wiring options, Front and Rear wiring connections



H-Series Gen3



Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	Max Efficiency (lm/W)	CRI (lm/W)	CCT (K)	Beam Angle (°)	Size (mm)	Temperature Range (°C)	Lifetime (hrs)	Certification	Part Number
LT-H562C	1935	10.8	45.0	240	60	187	80+	4000	115	59.7x23.8x5.2	-20~+50	CE, ENEC	SH-B8V1156HEU SH-B8V1256HEU
LT-H282C	2020	5.4	22.5	240	60	187	80+	4000	115	27.9x23.8x7.4	-20~+50	CE, ENEC	SH-B8T1156HEU SH-B8T1256HEU
LT-H282C	1010	5.4	22.5	240	60	187	80+	4000	115	27.9x23.8x7.4	-20~+50	CE, ENEC	SH-B8P1156HEU SH-B8P1256HEU
LT-H282C	970	10.8	45.0	240	60	187	80+	4000	115	59.7x23.8x5.2	-20~+50	CE, ENEC	SH-B8V05128HEU SH-B8V05228HEU
LT-H282C	1010	5.4	22.5	240	60	187	80+	4000	115	27.9x23.8x7.4	-20~+50	CE, ENEC	SH-B8T05128HEU SH-B8T05228HEU
LT-H282C	1010	5.4	22.5	240	60	187	80+	4000	115	27.9x23.8x7.4	-20~+50	CE, ENEC	SH-B8P05128HEU SH-B8P05228HEU

* Front wiring connector, Rear wiring connector

S-Series



Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	Max Efficiency (lm/W)	CRI (lm/W)	CCT (K)	Beam Angle (°)	Size (mm)	Temperature Range (°C)	Lifetime (hrs)	Certification	Part Number
LT-S562H	2155	13.2	46.9	280	540	170	80+	4000	115	59.7x23.8x5.2	-20~+50	CE, ENEC	SH-B8V131565EU SH-B8V132655EU
LT-S282H	2250	6.6	23.4	280	540	170	80+	4000	115	27.9x23.8x7.4	-20~+50	CE, ENEC	SH-B8T0728VEU SH-B8T0728VEU
LT-S142H	560	3.3	11.7	280	540	170	80+	4000	115	139.8x23.8x5.2	-20~+50	CE, ENEC	SH-B8T03145EU SH-B8T03145EU
LT-S562H_V2	1120	6.6	23.4	280	540	170	80+	4000	115	59.7x23.8x5.2	-20~+50	CE, ENEC	SH-B8P0728VEU SH-B8P0728VEU
LT-S282H_V2	1120	6.6	23.4	280	540	170	80+	4000	115	27.9x23.8x7.4	-20~+50	CE, ENEC	SH-B8P03145EU SH-B8P03145EU
LT-S142H_V2	280	1.6	5.9	280	540	171	80+	4000	115	139.8x23.8x5.2	-20~+50	CE, ENEC	SH-B8P02145EU SH-B8P02145EU

* Front wiring connector, Rear wiring connector

M-Series Gen2

LT-M562A_G2



LT-M562B_G2



LT-M562C_G2



Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	Imax (mA)	Efficiency (lm/W)	CRI	CCT (K)	Beam Angle (°)	Size (mm)	Temperature Range (°C)	Life time (hrs)	Certification	Part Number			
LT-M562A_Gen2	1580	11.2	24.8	450	540	141	80+	3000	115	560x18x5.8	-20~+50	50,000	CE, UL, cUL	SI-B8V13560WW			
	1605													144	3500	CE	SI-B8U13560WW
	1650													148	4000	UL, cUL	SI-B8T13560WW
	2105													148	5000	SI-B8R13560WW	
LT-M562B_Gen2	2140	14.9	24.8	600	720	144	80+	3000	115	560x18x5.8	-20~+50	50,000	CE, UL, cUL	SI-B8V152560WW			
	2200													148	3500	CE	SI-B8U152560WW
	2200													148	4000	UL, cUL	SI-B8T152560WW
	2355													151	5000	SI-B8R152560WW	
LT-M562C_Gen2	2575	16.8	24.0	700	1080	153	80+	3500	115	560x18x5.8	-20~+50	50,000	CE, UL, cUL	SI-B8U172560WW			
	2655													158	4000	UL, cUL	SI-B8T172560WW
	2655													158	5000	SI-B8R172560WW	

LT-M282A_G2



LT-M282B_G2



LT-M282C_G2



Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	Imax (mA)	Efficiency (lm/W)	CRI	CCT (K)	Beam Angle (°)	Size (mm)	Temperature Range (°C)	Life time (hrs)	Certification	Part Number			
LT-M282A_Gen2	790	5.6	12.4	450	540	142	80+	3000	115	275x18x5.8	-20~+50	50,000	CE, UL, cUL	SI-B8V052280WW			
	800													143	3500	CE	SI-B8U052280WW
	825													148	4000	UL, cUL	SI-B8T052280WW
	1050													148	5000	SI-B8R052280WW	
LT-M282B_Gen2	1050	7.4	24.8	300	360	142	80+	3000	115	275x18x5.8	-20~+50	50,000	CE, UL, cUL	SI-B8V072280WW			
	1070													144	3500	CE	SI-B8U072280WW
	1100													148	4000	UL, cUL	SI-B8T072280WW
	1580													148	5000	SI-B8R072280WW	
LT-M282C_Gen2	1605	11.2	24.8	450	540	144	80+	3500	115	275x18x5.8	-20~+50	50,000	CE, UL, cUL	SI-B8U142280WW			
	1650													148	4000	UL, cUL	SI-B8T142280WW
	1650													148	5000	SI-B8R142280WW	

V-Series

LT-V282E



LT-V282E



Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	Imax (mA)	Efficiency (lm/W)	CRI	CCT (K)	Beam Angle (°)	Size (mm)	Temperature Range (°C)	Life time (hrs)	Certification	Part Number		
LT-V562E	2140	14.3	47.6	300	480	150	80+	3000	115	559.7x23.8x5.8	-20~+50	50,000	CE, ENEC	SI-B8V1456VWW		
	2240													157	4000	SI-B8T1456VWW
	1070													150	3000	SI-B8U1456VWW
	1120													157	4000	SI-B8R1456VWW
LT-V282E	1070	7.1	23.8	300	480	150	80+	3000	115	559.7x23.8x5.8	-20~+50	50,000	CE, ENEC	SI-B8V0728VWW		
	1120													157	4000	SI-B8T0728VWW

Industrial Light

Superior performance for high flux luminaires in industrial lighting



High reliability



High lumen density



Lower maintenance cost

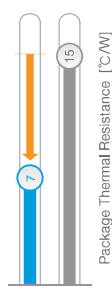
Wide lumen flux coverage (up to 40,000lm) inFlux series

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
inFlux Linear	L04 (2ea)	L06 (2ea)	L04 (2ea)	L06 (2ea)	L08 (2ea)	L06 (4ea)

Easy thermal management inFlux series

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



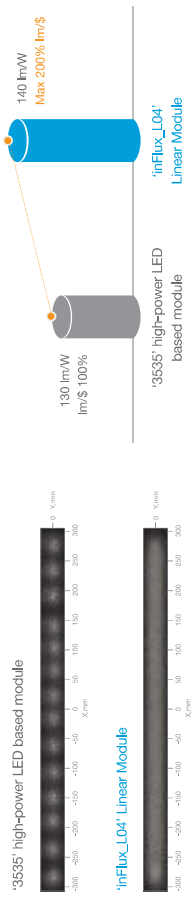
- High performance without MCPCB

Model	Flux	Tc measured
inFlux_L04	908lm, 140lm/W	62°C (No MCPCB)
F-Series (F65A)	902lm, 137lm/W	78°C (MCPCB)
F-Series (F66A)	865lm, 119lm/W	80°C (MCPCB)

⑧ Measured at the same fixture

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

- Better line uniformity
- Deliver higher lm/W & better lm/\$



inFlux



Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	Imax (mA)	Efficacy (lm/W)	CRI	CCT (K)	Beam Angle (°)	Size (mm)	Temperature Range (°C)	Life time (hrs)	Certification	Part Number
inFlux_L04	4190	32.4	23.5	1380	1380	131	80+	3500	120	560x24x5.9	-20~+50	50000	CE, ENEC, UL, CUL	SL-88L3N80L1WW
inFlux_L06	5775	43.4	45.7	950	950	133	80+	3500	120	560x24x5.9	-20~+50	50000	CE, ENEC, UL, CUL	SL-88L4N90L1WW
inFlux_L09	9100	64.7	46.9	1380	1380	141	80+	4000	120	560x40x5.9	-20~+50	50000	CE, ENEC, UL, CUL	SL-88T3N80L1WW
	4540					140		4000						SL-88T3N80L1WW
	4,540					140		5000						SL-88B3N80L1WW
	5680					131		3000						SL-88V1N90L1WW
	6060					140		4000						SL-88U1N90L1WW
	6060					140		5000						SL-88T1N90L1WW
	8390					130		3000						SL-88V1N90L1WW
	8530					132		3500						SL-88U1N90L1WW
	9100					141		4000						SL-88T1N90L1WW
	9100					141		5000						SL-88B1N90L1WW

inFlux

inFlux_S02



inFlux_S03



inFlux_S04



Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	Imax (mA)	Efficiency (lm/W)	CRI	CCT (K)	Beam Angle (°)	Size (mm)	Temperature Range (°C)	Life Time (hrs)	Certification	Part Number
inFlux_S02	2095	1.61	11.7	1380	1380	130	80+	3500	120	280x24x5.9	-20~+50	50000	CE, ENEC, UL, cUL	SI-B811N40L1WW
	2130													SI-B811N40L1WW
	2270													SI-B811N40L1WW
	2270													SI-B811N40L1WW
inFlux_S03	2840	2.17	22.9	950	950	133	80+	3500	120	280x24x5.9	-20~+50	50000	CE, ENEC, UL, cUL	SI-B812N70L1WW
	2885													SI-B812N70L1WW
	3030													SI-B812N70L1WW
	3030													SI-B812N70L1WW
inFlux_S04	4195	32.4	23.5	1380	1380	129	80+	3500	120	280x40x5.9	-20~+50	50000	CE, ENEC, UL, cUL	SI-B814N80L1WW
	4265													SI-B814N80L1WW
	4550													SI-B814N80L1WW
	4550													SI-B814N80L1WW

F-Series Gen2

LT-F562A_G2



Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	Imax (mA)	Efficiency (lm/W)	CRI	CCT (K)	Beam Angle (°)	Size (mm)	Temperature Range (°C)	Life Time (hrs)	Certification	Part Number
LT-F562A Gen2	4605	33.5	24.8	1350	1620	140	80+	3500	115	540x18x5.2	-20~+50	50000	CE, UL, cUL	SI-B813A2501WW
	4680													SI-B813A2501WW
	4820													SI-B813A2501WW
	4820													SI-B813A2501WW

R-Series

LT-R286A



LT-R286C



Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	Imax (mA)	Efficiency (lm/W)	CRI	CCT (K)	Beam Angle (°)	Size (mm)	Temperature Range (°C)	Life Time (hrs)	Certification	Part Number
LT-R286A	1520	9.4	32.3	290	540	162	80+	3000	115	280x55x7.4	-20~+50	50000	CE, ENEC, UL, cUL	SI-B819A2801WW
	1590													SI-B819A2801WW
	1635													SI-B819A2801WW
	1590													SI-B819A2801WW
LT-R286C	2810	20.7	32	648	1050	136	80+	3000	115	280x55x7.4	-20~+50	50000	CE	SI-B821A2801WW
	3000													SI-B821A2801WW
	3000													SI-B821A2801WW
	3000													SI-B821A2801WW

* Δ Front wiring connector, ∇ Rear wiring connector

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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