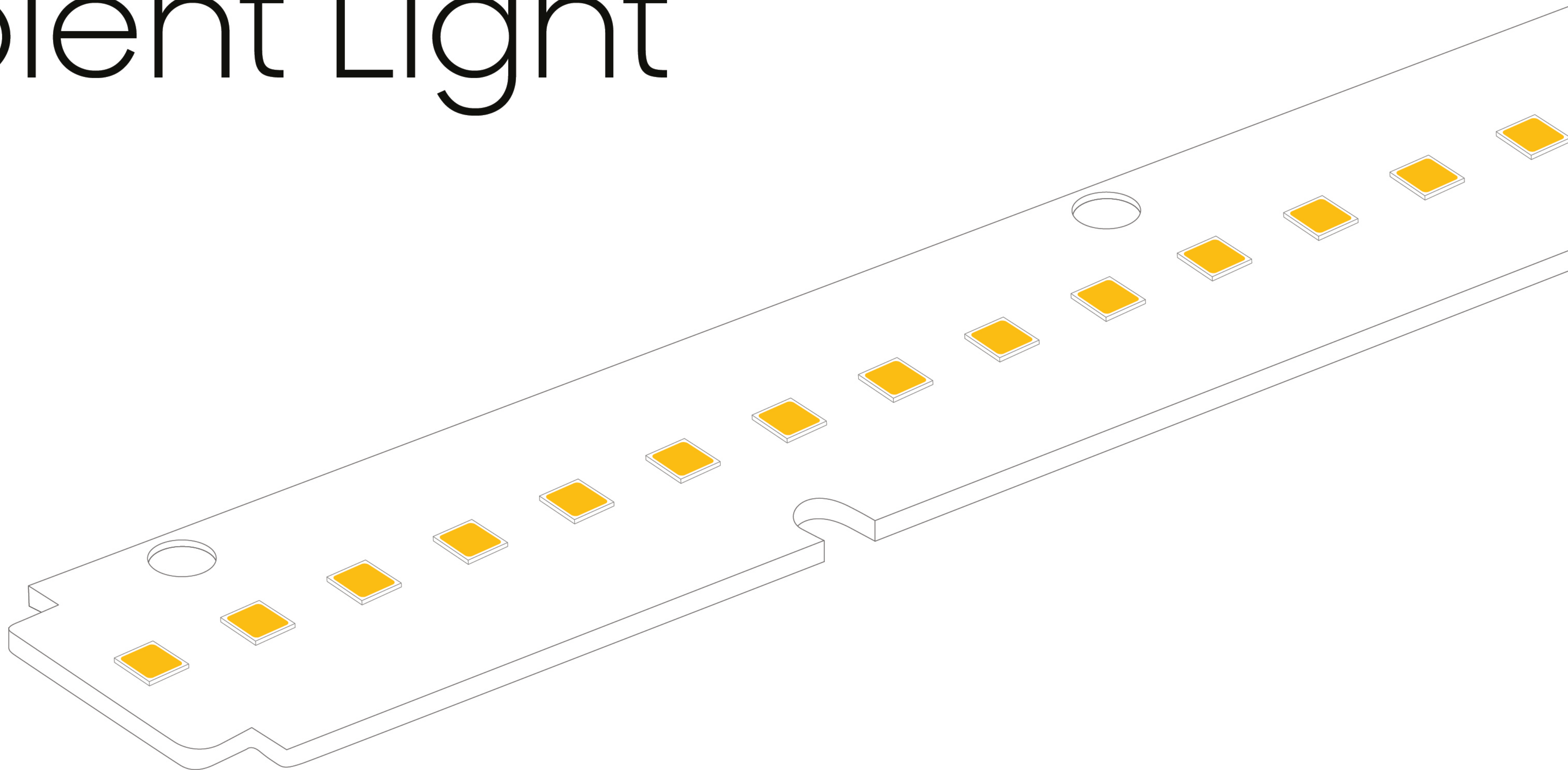


General Lighting | Module

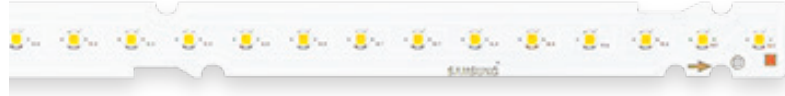


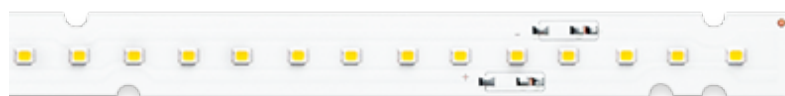

Ambient Light





With their modular construction, easy-to-use connections and optimal color consistency, Samsung's linear module line-ups are well-suited for a wide variety of luminaires.

- Tight color binning for best color consistency and high uniformity
- Modular design flexibility makes a wide variety of luminaire designs possible
- Peace of mind with Samsung-backed quality and performance

Product	Key Features	Efficacy (lm/W)	Lifespan
	<ul style="list-style-type: none"> • Highest performance • 208lm/W [4000K, CRI 80+, Tp 40°C] • Lifetime: 50,000 hours, Beam angle: 115° 	●●●●●	●●●●●
	<ul style="list-style-type: none"> • High performance • 192lm/W [4000K, CRI 80+, Tp 40°C] • Lifetime: 50,000 hours, Beam angle: 115° 	●●●●○	●●●●○
	<ul style="list-style-type: none"> • High voltage solution • 170lm/W [4000K, CRI 80+, Tp 50°C] • Lifetime: 50,000 hours, Beam angle: 115° 	●●●○○	●●●●○
	<ul style="list-style-type: none"> • Value solution • 173lm/W [4000K, CRI80+, Tp 50°C] • Lifetime: 50,000 hours, Beam angle: 115° 	●●●○○	●●●○○
	<ul style="list-style-type: none"> • White tunable solution with color temperatures from 2700K to 6500K • Lifetime: 50,000 hours, Beam angle: 115° 	●●○○○	●●●○○

Linear Module (Q-series)



LM18x1120mm 4000lm (LT-QB22A)



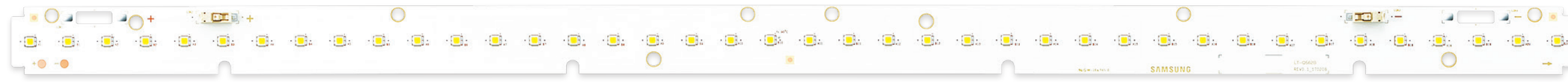
LM18x560mm 2000lm (LT-Q562A)



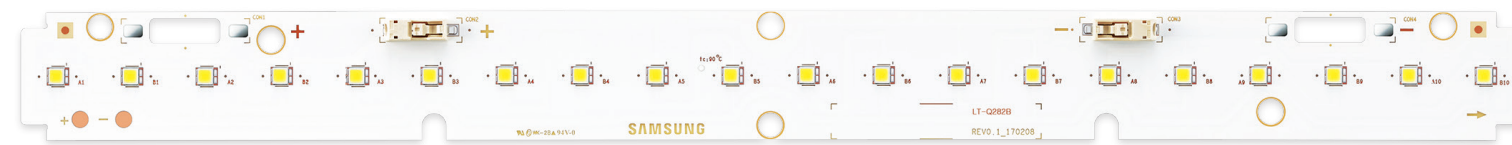
LM18x280mm 1000lm (LT-Q282A)

Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	I _{max} (mA)	Efficacy (lm/W)	CRI	CCT (K)	Size (mm)	Temperature Range (°C)	Certification	Model Name
LM18x1120mm 4000lm 830 80LED G1 (LT-QB22A)	3680	19.7	43.8	450	900	187	80+	3000	1120x18x5.2	-20~+50	cUL, UL	SI-B8V201B20US
LM18x1120mm 4000lm 835 80LED G1 (LT-QB22A)	3900					198		3500				SI-B8U201B20US
LM18x1120mm 4000lm 840 80LED G1 (LT-QB22A)	4100					208		4000				SI-B8T201B20US
LM18x1120mm 4000lm 850 80LED G1 (LT-QB22A)	4100					208		5000				SI-B8R201B20US
LM18x560mm 2000lm 830 40LED G1 (LT-Q562A)	1840	9.9	21.9	450	900	187	80+	3000	560x18x5.8	-20~+50	cUL, UL	SI-B8V101560US
LM18x560mm 2000lm 835 40LED G1 (LT-Q562A)	1950					198		3500				SI-B8U101560US
LM18x560mm 2000lm 840 40LED G1 (LT-Q562A)	2050					208		4000				SI-B8T101560US
LM18x560mm 2000lm 850 40LED G1 (LT-Q562A)	2050					208		5000				SI-B8R101560US
LM18x280mm 1000lm 830 20LED G1 (LT-Q282A)	920	4.9	10.9	450	900	187	80+	3000	275x18x5.8	-20~+50	cUL, UL	SI-B8V051280US
LM18x280mm 1000lm 835 20LED G1 (LT-Q282A)	975					198		3500				SI-B8U051280US
LM18x280mm 1000lm 840 20LED G1 (LT-Q282A)	1025					208		4000				SI-B8T051280US
LM18x280mm 1000lm 850 20LED G1 (LT-Q282A)	1025					208		5000				SI-B8R051280US

Linear Module (Q-series)



LM 24x560mm 2000lm (LT-Q562B)



LM 24x280mm 1000lm (LT-Q282B)

Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	I _{max} (mA)	Efficacy (lm/W)	CRI	CCT (K)	Size (mm)	Temperature Range (°C)	Certification	Model Name
LM 24x560mm 2000lm 830 40LED G1 (LT-Q562B)	1840	9.9	54.8	180	360	187	80+	3000	560x24x5.2	-20~+50	CE, ENEC	SI-B8V103560EU
LM 24x560mm 2000lm 840 40LED G1 (LT-Q562B)	2000					203		4000				SI-B8T103560EU
LM 24x560mm 2000lm 865 40LED G1 (LT-Q562B)	2000					203		6500				SI-B8P103560EU
LM 24x280mm 1000lm 830 20LED G1 (LT-Q282B)	920	4.9	27.4	180	360	187	80+	3000	280x24x5.2	-20~+50	CE, ENEC	SI-B8V053280EU
LM 24x280mm 1000lm 840 20LED G1 (LT-Q282B)	1000					203		4000				SI-B8T053280EU
LM 24x280mm 1000lm 865 20LED G1 (LT-Q282B)	1000					203		6500				SI-B8P053280EU

Linear Module (H-series)



LM18x1120mm 4000lm (LT-HB22D)



LM18x560mm 2000lm (LT-H562D)



LM18x280mm 1000lm (LT-H282D)

Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	I _{max} (mA)	Efficacy (lm/W)	CRI	CCT (K)	Size (mm)	Temperature Range (°C)	Certification	Model Name
LM18x1120mm 4000lm 830 96LED G3 (LT-HB22D)	3980	21.6	22.5	960	2400	184	80+	3000	1120x18x5.8	-20~+50	cUL, UL	SI-B8V221B2HUS
LM18x1120mm 4000lm 835 96LED G3 (LT-HB22D)	4035					187		3500				SI-B8U221B2HUS
LM18x1120mm 4000lm 840 96LED G3 (LT-HB22D)	4150					192		4000				SI-B8T221B2HUS
LM18x1120mm 4000lm 850 96LED G3 (LT-HB22D)	4040					187		5000				SI-B8R221B2HUS
LM18x560mm 2000lm 830 48LED G3 (LT-H562D)	1990	10.8	22.5	480	1200	184	80+	3000	560x18x5.8	-20~+50	cUL, UL	SI-B8V11156HUS
LM18x560mm 2000lm 835 48LED G3 (LT-H562D)	2020					187		3500				SI-B8U11156HUS
LM18x560mm 2000lm 840 48LED G3 (LT-H562D)	2075					192		4000				SI-B8T11156HUS
LM18x560mm 2000lm 850 48LED G3 (LT-H562D)	2020					187		5000				SI-B8R11156HUS
LM18x280mm 1000lm 830 24LED G3 (LT-H282D)	1000	5.4	22.5	240	600	184	80+	3000	275x18x5.8	-20~+50	cUL, UL	SI-B8V05128HUS
LM18x280mm 1000lm 835 24LED G3 (LT-H282D)	1010					187		3500				SI-B8U05128HUS
LM18x280mm 1000lm 840 24LED G3 (LT-H282D)	1040					192		4000				SI-B8T05128HUS
LM18x280mm 1000lm 850 24LED G3 (LT-H282D)	1010					187		5000				SI-B8R05128HUS

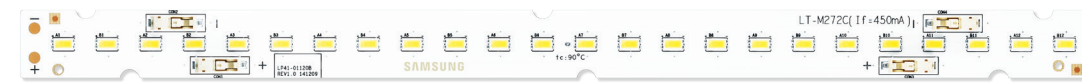
Linear Module (M-series)



LM18x1120mm 5500lm (LT-MB22C Gen 3)



LM18x560mm 2800lm (LT-M562C Gen 3)



LM18x280mm 1800lm (LT-M282C Gen 3)

Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	I _{max} (mA)	Efficacy (lm/W)	CRI	CCT (K)	Size (mm)	Temperature Range (°C)	Certification	Model Name
LM 18x1120mm 5500lm 830 96LED G3 (LT-MB22C Gen 3)	5330	33.6	24	1400	2160	159	80+	3000	1120x18x5.2	-20~+50	cUL, UL	SI-B8V341B2001
LM 18x1120mm 5500lm 835 96LED G3 (LT-MB22C Gen 3)	5400					161		3500				SI-B8U341B2001
LM 18x1120mm 5500lm 840 96LED G3 (LT-MB22C Gen 3)	5550					165		4000				SI-B8T341B2001
LM 18x1120mm 5500lm 850 96LED G3 (LT-MB22C Gen 3)	5550					165		5000				SI-B8R341B2001
LM 18x560mm 2800lm 830 48LED G3 (LT-M562C Gen 3)	2665	16.8	24	700	1080	159	80+	3000	560x18x5.8	-20~+50	cUL, UL	SI-B8V17256001
LM 18x560mm 2800lm 835 48LED G3 (LT-M562C Gen 3)	2700					161		3500				SI-B8U17256001
LM 18x560mm 2800lm 840 48LED G3 (LT-M562C Gen 3)	2775					165		4000				SI-B8T17256001
LM 18x560mm 2800lm 850 48LED G3 (LT-M562C Gen 3)	2775					165		5000				SI-B8R17256001
LM 18x280mm 1800lm 830 24LED G3 (LT-M282C Gen 3)	1660	11.2	24.8	450	540	149	80+	3000	275x18x5.8	-20~+50	cUL, UL	SI-B8V11428001
LM 18x280mm 1800lm 835 24LED G3 (LT-M282C Gen 3)	1680					151		3500				SI-B8U11428001
LM 18x280mm 1800lm 840 24LED G3 (LT-M282C Gen 3)	1730					155		4000				SI-B8T11428001
LM 18x280mm 1800lm 850 24LED G3 (LT-M282C Gen 3)	1730					155		5000				SI-B8R11428001

Linear Module (S-series Gen 3)



LM 24x560mm 2200lm 48LED G3 (LT-S562V)



LM 24x280mm 1100lm 24LED G3 (LT-S282V)



LM 24x560mm 1100lm 24LED G3 (LT-S562W)



LM 24x280mm 550lm 12LED G3 (LT-S282W)

Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	I _{max} (mA)	Efficacy (lm/W)	CRI	CCT (K)	Size (mm)	Temperature Range (°C)	Certification	Model Name
LM 24x560mm 2200lm 830 48LED G3(LT-S562V)	2170	12.7	45.4	280	480	171	80+	3000	559.7×23.5×5.5	-20~+50	CE	SI-B8V12A56SEU
LM 24x560mm 2200lm 840 48LED G3 (LT-S562V)	2285					180		4000				SI-B8T12A56SEU
LM 24x560mm 2200lm 865 48LED G3 (LT-S562V)	2285					180		6500				SI-B8P12A56SEU
LM 24x280mm 1100lm 830 24LED G3 (LT-S282V)	1085	6.4	22.7	280	480	171	80+	3000	279.7×23.5×5.5	-20~+50	CE	SI-B8V06A28SEU
LM 24x280mm 1100lm 840 24LED G3 (LT-S282V)	1145					180		4000				SI-B8T06A28SEU
LM 24x280mm 1100lm 865 24LED G3 (LT-S282V)	1145					180		6500				SI-B8P06A28SEU

Linear Module (S-series Gen 3)

Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	I _{max} (mA)	Efficacy (lm/W)	CRI	CCT (K)	Size (mm)	Temperature Range (°C)	Certification	Model Name
LM 24x560mm, 2200lm 930 48LED G3 (LT-S562V)	1845	12.7	45.4	280	480	145	90+	3000	559.7×23.5×5.5	-20~+50	CE	SI-B9V12A56SEU
LM 24x560mm, 2200lm 940 48LED G3 (LT-S562V)	1940					153		4000				SI-B9T12A56SEU
LM 24x560mm, 2200lm 965 48LED G3 (LT-S562V)	1940					153		6500				SI-B9P12A56SEU
LM 24x280mm 1100lm 930 24LED G3 (LT-S282V)	920	6.4	22.7	280	480	145	90+	3000	279.7×23.5×5.5	-20~+50	CE	SI-B9V06A28SEU
LM 24x280mm 1100lm 940 24LED G3 (LT-S282V)	975					153		4000				SI-B9T06A28SEU
LM 24x280mm 1100lm 965 24LED G3 (LT-S282V)	975					153		6500				SI-B9P06A28SEU
LM 24x560mm 1100lm 830 24LED G3 (LT-S562W)	1085	6.4	22.7	280	480	171	80+	3000	559.7×23.5×5.5	-20~+50	CE	SI-B8V06A56SEU
LM 24x560mm 1100lm 840 24LED G3 (LT-S562W)	1145					180		4000				SI-B8T06A56SEU
LM 24x560mm 1100lm 865 24LED G3 (LT-S562W)	1145					180		6500				SI-B8P06A56SEU

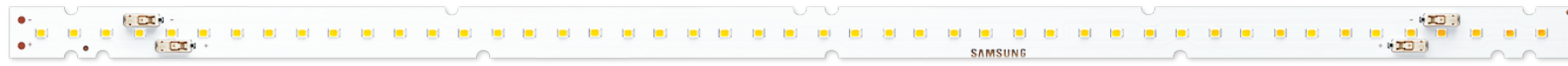
Linear Module (S-series Gen 3)

Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	I _{max} (mA)	Efficacy (lm/W)	CRI	CCT (K)	Size (mm)	Temperature Range (°C)	Certification	Model Name
LM 24x280mm 550lm 830 12LED G3 (LT-S282W)	540	3.2	11.4	280	480	169	80+	3000	279.7×23.5×5.5	-20~+50	CE	SI-B8V03A28SEU
LM 24x280mm 550lm 840 12LED G3 (LT-S282W)	570					179		4000				SI-B8T03A28SEU
LM 24x280mm 550lm 865 12LED G3 (LT-S282W)	570					179		6500				SI-B8P03A28SEU
LM 24x560mm 1100lm 930 24LED G3 (LT-S562W)	920	6.4	22.7	280	480	145	90+	3000	559.7×23.5×5.5	-20~+50	CE	SI-B9V06A56SEU
LM 24x560mm 1100lm 940 24LED G3 (LT-S562W)	975					153		4000				SI-B9T06A56SEU
LM 24x560mm 1100lm 965 24LED G3 (LT-S562W)	975					153		6500				SI-B9P06A56SEU
LM 24x280mm 550lm 930 12LED G3 (LT-S282W)	460	3.2	11.4	280	480	144	90+	3000	279.7×23.5×5.5	-20~+50	CE	SI-B9V03A28SEU
LM 24x280mm 550lm 940 12LED G3 (LT-S282W)	485					152		4000				SI-B9T03A28SEU
LM 24x280mm 550lm 965 12LED G3 (LT-S282W)	485					152		6500				SI-B9P03A28SEU

Linear Module (V-series)



LM18x1120mm 5600lm (LT-VB22C)



LM18x560mm 2800lm (LT-V562C)

Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	I _{max} (mA)	Efficacy (lm/W)	CRI	CCT (K)	Size (mm)	Temperature Range (°C)	Certification	Model Name
LM18x1120mm 5600lm 830 96LED G2 (LT-VB22C)	5360	32.5	46.4	700	900	165	80+	3000	1120x18x5.5	-30~+50	cUL, UL	SI-B8V342B2CUS
LM18x1120mm 5600lm 835 96LED G2 (LT-VB22C)	5440					167		3500				SI-B8U342B2CUS
LM18x1120mm 5600lm 840 96LED G2 (LT-VB22C)	5620					173		4000				SI-B8T342B2CUS
LM18x1120mm 5600lm 850 96LED G2 (LT-VB22C)	5690					175		5000				SI-B8R342B2CUS
LM18x560mm 2800lm 830 48LED G2 (LT-V562C)	2680	16.2	23.2	700	900	165	80+	3000	560x18x5.5	-30~+50	cUL, UL	SI-B8V17256CWW
LM18x560mm 2800lm 835 48LED G2 (LT-V562C)	2720					167		3500				SI-B8U17256CWW
LM18x560mm 2800lm 840 48LED G2 (LT-V562C)	2810					173		4000				SI-B8T17256CWW
LM18x560mm 2800lm 850 48LED G2 (LT-V562C)	2845					175		5000				SI-B8R17256CWW

Linear Module (T-series)



LM18x560mm 2000lm (LT-T562C)



LM18x280mm 1000lm (LT-T282C)

Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	I _{max} (mA)	Efficacy (lm/W)	CRI	CCT (K)	Size (mm)	Temperature Range (°C)	Certification	Model Name
LM18x560mm 2000lm 827-65 30LED G1 (LT-T562C)	1900	13.5	18 / 0	750 / 0	-	141	80+	2700	560x18x5.5	-20~+50	cUL, UL	SI-B8A131560WW
	2075	12.6	16.7 / 16.7	375 / 375		165		4000				
	2060	13.5	0 / 18	0 / 750		153		6500				
LM18x280mm 1000lm 827-65 15LED G1 (LT-T282C)	950	6.8	9 / 0	750 / 0	-	141	80+	2700	275x18x5.5	-20~+50	cUL, UL	SI-B8A071280WW
	1040	6.3	8.4 / 8.4	375 / 375		165		4000				
	1030	6.8	0 / 9	0 / 750		153		6500				

Standard Back-lit



Back-lit SE Static 2ft



Back-lit SE Static 4ft



Back-lit SE Tunable 2ft



Back-lit SE Tunable 4ft

Product	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	I _{max} (mA)	Efficacy (lm/W)	CRI	CCT (K)	Size (mm)	Temperature Range (°C)	Certification	Model Name
Back-lit SE Static 2ft	610	3.7	41.5	88	200	167	80+	3000	500x13x6	-20~+50	CE, cUL, UL	SI-B8V031500WW
	620					170		3500				SI-B8U031500WW
	640					175		4000				SI-B8T031500WW
	650					178		5000				SI-B8R031500WW
Back-lit SE Static 4ft	1220	7.3	41.5	176	400	167	80+	3000	1100x13x6	-20~+50	CE, cUL, UL	SI-B8V071B00WW
	1240					170		3500				SI-B8U071B00WW
	1280					175		4000				SI-B8T071B00WW
	1300					178		5000				SI-B8R071B00WW
Back-lit SE Tunable 2ft	580	3.7	41.5	88	200	159	80+	2700	500x13x6	-20~+50	CE, cUL, UL	SI-B8A031500WW
	640					175		6500				
Back-lit SE Tunable 4ft	1160	7.3	41.5	176	400	159	80+	2700	1100x13x6	-20~+50	CE, cUL, UL	SI-B8A071B00WW
	1280					175		6500				