

Legal and additional information.

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SAMSUNG

Samsung LED Module inFlux Linear

Superior light source
for high flux luminaires
covering up to 40,000 lm



SAMSUNG

Superior performance for high flux luminaires in Industrial lighting



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

Optimized for industrial lighting applications to replace T8/T5HO



Low bay



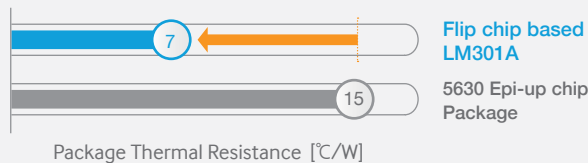
High bay

Lamp	2 lamps T8 32W	3 lamps T8 32W	4 lamps T8 32W	1 lamps T5 54W	2 lamps T5 54W	3 lamps T5 54W	4 lamps T5 54W	8 lamps T5 54W
Lamp Flux	5,400-5,600	7,800-8,400	10,400-11,200	4,450-5,000	8,900-10,000	13,350-15,000	17,800-20,000	35,600-40,000
inFlux Linear	L03 (2ea)	L04 (2ea)	L03 (4ea)	L03 (2ea)	L04 (2ea)	L03 (4ea)	L03 (6ea)	L04 (8ea)
							L04 (4ea)	L09 (4ea)
							L09 (2ea)	



Easy thermal management

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



- High performance without MCPCB

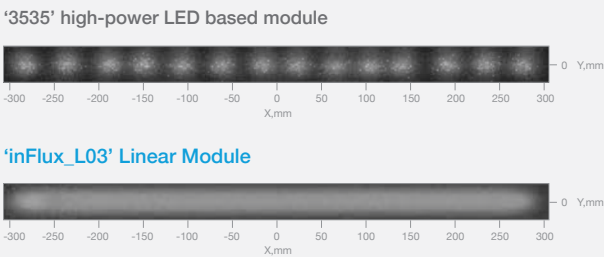
Model	Flux	T _c measured
inFlux_L04	9120 lm, 137 lm/W	62°C (No MCPCB)
F-Series (F562A)	9020 lm, 137 lm/W	78°C (MCPCB)
F-Series (F564A)	8850 lm, 119 lm/W	60°C (MCPCB)

※ Measured at the same fixture

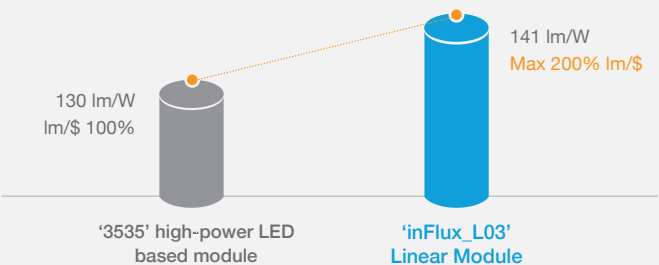


Better uniformity & cost effective compared to high-power LEDs

- Better line uniformity



- Deliver higher lm/W & better lm/\$



SAMSUNG

inFlux Linear Module



inFlux_L03



inFlux_L04



inFlux_L09



inFlux_S01



inFlux_S02



inFlux_S04

※ The design is subject to change.

Type	Luminous Flux (lm)	Power Consumption (W)	Input Voltage (V)	IF (mA)	Efficacy (lm/W)	CRI Min.	CCT (K)	Beam Angle (°)	Size (mm)	Temperature Range (°C)	Lifetime (hrs)	Certification	Model Name
inFlux_L03	2,620	20.8	18.1	1,150	126	80	3000	120	560x24x5.9	-20~+50	50,000	UL/cUL, CE, ENEC	SL-B8V2N60L1WW
	2,670				128		3500						SL-B8U2N60L1WW
	2,840				137		4000						SL-B8T2N60L1WW
	2,930				141		5000						SL-B8R2N60L1WW
inFlux_L04	4,190	33.3	24.1	1,380	126	80	3000	120	560x24x5.9	-20~+50	50,000	UL/cUL, CE, ENEC	SL-B8V3N80L1WW
	4,260				128		3500						SL-B8U3N80L1WW
	4,540				137		4000						SL-B8T3N80L1WW
	4,690				141		5000						SL-B8R3N80L1WW
inFlux_L09	8,390	66.6	48.2	1,380	126	80	3000	120	560x40x5.9	-20~+50	50,000	UL/cUL, CE, ENEC	SL-B8V7N90L1WW
	8,530				128		3500						SL-B8U7N90L1WW
	9,100				137		4000						SL-B8T7N90L1WW
	9,380				141		5000						SL-B8R7N90L1WW
inFlux_S01	1,310	10.4	9.1	1,150	126	80	3000	120	280x24x5.9	-20~+50	50,000	UL/cUL, CE, ENEC	SL-B8V1N00L1WW
	1,335				128		3500						SL-B8U1N00L1WW
	1,420				137		4000						SL-B8T1N00L1WW
	1,465				141		5000						SL-B8R1N00L1WW
inFlux_S02	2,095	16.6	12.1	1,380	126	80	3000	120	280x24x5.9	-20~+50	50,000	UL/cUL, CE, ENEC	SL-B8V1N40L1WW
	2,130				128		3500						SL-B8U1N40L1WW
	2,270				137		4000						SL-B8T1N40L1WW
	2,345				141		5000						SL-B8R1N40L1WW
inFlux_S04	4,195	33.3	24.1	1,380	126	80	3000	120	280x40x5.9	-20~+50	50,000	UL/cUL, CE, ENEC	SL-B8V4N80L1WW
	4,265				128		3500						SL-B8U4N80L1WW
	4,550				137		4000						SL-B8T4N80L1WW
	4,690				141		5000						SL-B8R4N80L1WW

LED Driver

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	83	<20	0-10V	UL, cUL	>0.9	Output current adjustable by Rset	SI-EPF007040WW			
50	300x30x21		20-50	500-1,400			Programmable				SI-EPF006660WW			
75	360x31x26	100-277	27-54	<1,400	>87		Programmable			-	SI-CA1427501US			
100	420x31x26		24-48	<2,000							SI-CA2029601US			

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