

LED BAR

1. Typical Applications



2. GENERAL SPECIFICATION

MODEL	ORIGIN OF LED	CCT	NO OF LED	INPUT (V)	LUMEN	POWER (W)	SIZE (L*W*D)
LBAS.2835.3020.3524-3000K	SAMSUNG 2835	3000K	35	DC24V	1145	7.2W	500*16*1.5
LBAS.2835.4020.3524-4000K	SAMSUNG 2835	4000K	35	DC24V	1170	7.2W	500*16*1.5
LBAS.2835.6520.3524-6500K	SAMSUNG 2835	6500K	35	DC24V	1190	7.2W	500*16*1.5

3. COMPONENT SPECIFICATION

MATERIAL	TYPE
PCB	METAL
PSR	WHITE
SILK	BLACK
DIODE	BC817-40

4. SPECIFICATION FOR LED

Item	CRI (Ra) Min.	Nominal CCT (K)	Bin	150mA		Calculated value at 65mA	
				Min.	Max.	Min.	Max.
Luminous Flux (Φv)	80	2700	S2	53.3	57.3	26.0	28.0
			S3	57.3	61.3	28.0	30.0
			S4	61.3	65.3	30.0	32.0
		3000	S2	54.3	58.3	26.5	28.5
			S3	58.3	62.3	28.5	30.5
			S4	62.3	66.3	30.5	32.5
		3500	S2	55.3	59.3	27.0	29.0
			S3	59.3	63.3	29.0	31.0
			S4	63.3	67.3	31.0	33.0
		4000	S2	57.3	61.3	28.0	30.0
			S3	61.3	65.3	30.0	32.0
			S4	65.3	69.3	32.0	34.0
		5000	S2	59.3	63.3	29.0	31.0
			S3	63.3	67.3	31.0	33.0
			S4	67.3	71.3	33.0	35.0
		5700	S2	58.3	62.3	28.5	30.5
			S3	62.3	66.3	30.5	32.5
			S4	66.3	70.3	32.5	34.5
		6500	S2	57.3	61.3	28.0	30.0
			S3	61.3	65.3	30.0	32.0
			S4	65.3	69.3	32.0	34.0

Note:

Samsung maintains measurement tolerance of: forward voltage = $\pm 0.1V$, luminous flux = $\pm 5\%$, CRI = ± 3

Calculated luminous flux values at 65mA are for reference only.