

# **FUTEK LED LAMP BULB 12 W**

## **Technical Specs**

Parameter	Description	Bulb 12 W
Marking	1- Mark of origin (Trademark)	FUTEK
	2- voltage range	85~260 V/ AC
	3- Rated Wattage ( W )	12 W
	4- Rated frequency ("Hz")	50 ~ 60 Hz
	5- Rated Luminous flux (lm)	1320
Working voltage	Lamp voltage	85~260V
Lamp Power	The initial power consumed by each individual LED lamp in the measured sample shall not exceed the rated power by more than 10%.The average of Initial power consumed by the LED lamps in the measured sample shall not exceed the rated power by more than 7.5 %	12 W
Displacement Factor (Power factor)	The measured power factor for each individual lamp of the sample shall not be less than the marked value by more than 0.05	> 0.90
Lumen Flux	The initial luminous flux of each individual LED lamp in the measured sample shall not be less than the rated luminous flux by more than 10 The average initial luminous flux of the LED lamps in the measured sample shall not be less than the rated luminous flux by more than 7.5%	>110
Efficacy	For all Tested units in a sample , the LED lamp efficacy $\geq 80$ %	>1320 Lm/w
Color Temperature ( TC )	The measured value shall not move beyond the values indicated by the manufacturer. The measured values shall be of the same category as tile provided values or better All the LED lamps in the sample shall pass the test Note 1 :.The lower limit of luminous flux is 70% of the initial. (L70 )	6500 K
Color Rendering Index (CRI) -Ra	For all tested units in a sample, 'the measured CRI values shall not decrease by more than :- 3 points from the rated CRI value for initial CRI values, 5 points from the rated CRI values for maintained CRI values	>80
Lamp Life ( Lx )	is the length of time during which an LED lamp provides at least claimed percentage of the initial luminous flux under standard conditions	30000 H
Working Environment	Temperature	-5 ~ +65 °C
	Humidity	10 % - 90 %
Installation	Lamp Cap	E 27

شركة فيوتك حاصلة على :

- شهادة توافق دولية رقم CNB 3141203- 00824-L

- وشهادة رقم CNB 3141203- 00977-E

وذلك طبقاً للمواصفات القياسية الدولية IEC ارقام :-

EN 62560 : 2012 – EN 61195:1999+A1:2013

EN 61000-3-2:2006+A2:2009 – EN 610003-3-2013

EN 61547 : 2009 – EN 55015 : 2013

IEC 62612 – 2013

IEC 62650

# FUTEK LED LAMP BULB 5 W

## Technical Specs

Parameter	Description	Bulb 5 W
Marking	1- Mark of origin (Trademark)	FUTEK
	2- voltage range	٨٥~٢٦٠ V/ AC
	3- Rated Wattage ( W )	5 W
	4- Rated frequency ("Hz")	50 ~ 60 Hz
	5- Rated Luminous flux (lm)	> 900
Working voltage	Lamp voltage	85~260V
Lamp Power	The initial power consumed by each individual LED lamp in the measured sample shall not exceed the rated power by more than 10%.The average of Initial power consumed by the LED lamps in the measured sample shall not exceed the rated power by more than 7.5 %	5 W
Displacement Factor (Power factor)	The measured power factor for each individual lamp of the sample shall not be less than the marked value by more than 0.05	> 0.90
Lumen Flux	The initial luminous flux of each individual LED lamp in the measured sample shall not be less than the rated luminous flux by more than 10 The average initial luminous flux of the LED lamps in the measured sample shall not be less than the rated luminous flux by more than 7.5%	>٤٥٠
Efficacy	For all Tested units in a sample , the LED lamp efficacy $\geq 80$ %	>90 Lm/w
Color Temperature ( TC )	The measured value shall not move beyond the values indicated by the manufacturer. The measured values shall be of the same category as tile provided values or better All the LED lamps in the sample shall pass the test Note 1 :.The lower limit of luminous flux is 70% of the initial. (L70 )	2700 ~ 3000 K
Color Rendering Index (CRI) -Ra	For all tested units in a sample, 'the measured CRI values shall not decrease by more than :- 3 points from the rated CRI value for initial CRI values, 5 points from the rated CRI values for maintained CRI values	>80
Lamp Life ( Lx )	is the length of time during which an LED lamp provides at least claimed percentage of the initial luminous flux under standard conditions	30000 H
Working Environment	Temperature	-5 ~ +65 °C
	Humidity	10 % - 90 %
Installation	Lamp Cap	E 27

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IEC 62650