Technical Specification Sheet

PN： **9W LED Bulb Light**

Model： **CRH-A60009**

Edition: **A.0**

Date: **2020.05.07**

Drafted by	Reviewed by	Standardized by	Approved by

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1. Purpose and applicable scope

1.1 Purpose:

The technical specification sheet defines the technical standard of model no. **CRH-A60009** of LED King.

1.2 Applicable Scope:

The technical specification sheet is applicable for the manufacturing and inspection of model no. **CRH-A60009** of LED King.

2. Basic Product Description

Model No.: **CRH-A60009** belongs to one type of indoor commercial lighting/lighting sources. It is rated with 9W input power with AC120V voltage, under 25℃ natural heat sinking condition. Stable power consumption.

3. Electrical Performance

3.1 Input Characteristics

Item	condition	unit	min	Typical	max	remark
Input Voltage	AC100-130V	(V)	100	120	130	
Input Current	103-150mA	(mA)	103	125	150	
Power Rating	9W	(W)	8.1	9	9.9	
Frequency	50Hz/60Hz					
Power Factor	≥0.5		0.5			
THD	220	%	/	/	/	
	240		/	/	/	

3.2 Output Characteristics

Item	condition	unit	min	Typical	max	remark
Output Voltage	79-85V	(V)	79	81	85	
Output Current	95-105mA	(mA)	95	100	105	
Current Tolerance	5%					

3.3 Protecting Function

Item	Condition	Test Result	Remark
Output short-circuit protection(OLP)	Drive power supply can provide output instantaneous short circuit protection, output short circuit after removal, can automatically recover the output	OK	
Over temperature protection/ OTP(degC)	When the power supply overheating, gradually reduce the output current, reduce the power to control chip and power supply temperature, chip set to overheating adjust internal temperature is 150 ℃	OK	

3.4 Power on/off Characteristics

Item	Condition	Unit	Test Result	Remark
Boot Time	/	S	<1	
	/		<1	
ON/OFF Switching Cycles	10S on,10S off for 10000 circles	S	No flicker, normal light	qualified

3.5 Relative Standards and Directive Compliance

Standard	Relative Standards and Directive
CE	/
ROHS	√
ERP	/
FCC	√
UL cUL	√

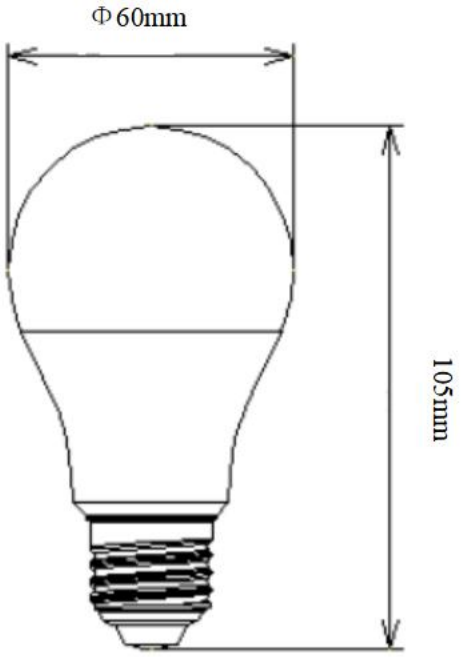
3.6 Environmental Condition

Item	Unit	Min	Typical	Max	Remark
Operating temp.	℃	-20	25	+40	
Storage temp.	℃	-40	25	+60	
Storage humidity	%	10	/	90	
Operating humidity	%	10	/	90	

4. Optical parameters Characteristics

Item		Unit	Min	Typical	Max	Remark
Color Temp.	2700K	(K)	2580	2725	2870	
	3000K	(K)	2870	3045	3220	
	3500K	(K)	3220	3465	3710	
	4000K	(K)	3710	3985	4260	
	4500K	(K)	4260	4503	4746	
	5000K	(K)	4745	5028	5311	
	5700K	(K)	5310	5665	6020	
	6500K	(K)	6020	6530	7040	
CRI(Ra)	2700K		/	/	/	
	3000K		/	/	/	
	3500K		/	/	/	
	4000K		/	/	/	
	4500K		/	/	/	
	5000K		/	/	/	
	5700K		/	/	/	
	6500K		80	/	/	
Luminous flux	2700K	(Lm)	729	810	850	
	3000K	(Lm)	729	810	850	
	3500K	(Lm)	729	810	850	
	4000K	(Lm)	729	810	900	
	4500K	(Lm)	729	810	900	
	5000K	(Lm)	729	810	900	
	5700K	(Lm)	729	810	900	
	6500K	(Lm)	729	810	900	
Luminous Efficacy	2700K	(Lm/W)	/	/	/	
	3000K	(Lm/W)	/	/	/	
	3500K	(Lm/W)	/	/	/	
	4000K	(Lm/W)	/	/	/	
	4500K	(Lm/W)	/	/	/	
	5000K	(Lm/W)	/	/	/	
	5700K	(Lm/W)	/	/	/	
	6500K	(Lm/W)	81	90	/	
Luminous Intensity		(cd)	/	/	--	
Beam Angle		degree	/	180	--	
Dimming		□YES ■NO				
Body sense		□YES ■NO				
Lifespan(L70) at 25deg		25000H				

5. LED Package Characteristics

LED model no.	2835
Number of LED used	9

6.Dimension & Drawing of products