

HYUNDAI

LED Bulb

Technical Specification


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Fixture Product Specification

Product Description:	11W LED Bulb 6500K
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A、 Appearance Description

	Component NO	Component Name	Material Technics	Color Effect	Remark
	1	bulb	PC	white	
	2	Housing	PBT + AL	white	
	3	base	Nickel + PBT		

B、 Structure

Parameter	Units	Min	Rating	Max	Remark
Diffuser					PC
Driver			internal		
Installation Method	Rotating Mounting				
length	Mm	114	116	118	
Height	Mm	59	60	61	
Weight	g	43	48	53	

C、 Product Certification

Standards	<input checked="" type="checkbox"/> IEC 60598 Series	<input checked="" type="checkbox"/> SASO2870	<input type="checkbox"/> LVD
	<input type="checkbox"/> IEC 61347 Series	<input type="checkbox"/> GB19510	
	<input type="checkbox"/> IEC62031	<input type="checkbox"/> FCC 47 part15	<input type="checkbox"/> GB/T20145
	<input type="checkbox"/> IEC 62471	<input type="checkbox"/> CISPR15	<input type="checkbox"/> ROHS
	<input type="checkbox"/> IEC 61000- 3- 2/ 3	<input type="checkbox"/> IEC 61547	

D、 Electronic Data

Parameter	Units	Min	Rating	Max	Remark
Supply Voltage	V	110	110/240	240	
Supply Frequency	Hz	50	50/60	50	
Supply Current	A	0.08	0.095	0.105	
Power Consumption	W	9.9	11	12.1	
Power Factor	-	0.5			
LED Driver Lifetime			25000h		

E、Light Source Data

LED Specifications	Units	
LED Qty. (pcs)	pcs	14
LED Size	mm	28*35
LM80 Report		Y

F、Optical Data

Parameter	Units	Min	Rating	Max	Remark
Luminous Flux	Lm	950	1055		
Beam Angle	°	120			
Luminous Efficacy	lm/W	86.3	95.9		
Ra	-	80			
Chromaticity Coordinate		<input checked="" type="checkbox"/> CIE standard <input type="checkbox"/> ANSI standard <input type="checkbox"/> JIS standard			
Color Temperature	K		6500K		
SDCM			SDCM ≤7		
Optical Efficiency			>93%		

G、Reliability Data

Parameter	Units	Rating/Working Condition	Remark
Lifetime	hrs	25000H	
Number of Switching Cycles	Times	12500	
Starting Time	s	1	

H、Spectroscopic Data

Parameter	Data	RA=82.3
R1	81	
R2	88	
R3	92	
R4	84	
R5	83	
R6	84	
R7	89	
R8	70	
R9	8	
R10	71	
R11	83	
R12	65	
R13	83	
R14	96	
R15	76	

I、CIE Color Data

Parameter	Rating/Working Condition	Remark
Chromaticity Coordinate	$x = 0.3154$ $y = 0.3382$ / $u' = 0.1963$ $v' = 0.4736$ ($Duv=6.48e-03$)	
Dominate Wavelength	$\lambda_d=495.2nm$ Color Purity=5.8%	
Peak Wavelength	$\lambda_p=449nm$	
FWHM	28.2nm	
Color index	R=13.5% G=80.8% B=5.7%	

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