

HYUNDAI


LED Ceiling Light

Technical Specification

Fixture Product Specification

Product Description:	LED Ceiling Light 4000K/ 6500K
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A、 Appearance Description

	Component NO	Component Name	Material Technics	Color Effect	Remark
	1	Baking finish base	SPCC	Matte white	
	2	cover	PMMA	Milky white	
	3	Waterproof washer	Silicon	Milky white	
	4	Driver Lower Cover	PBT	White	
	5	Driver upper Cover	PBT	White	

B、 Structure

Parameter	Units	Min	Rating	Max	Remark
Diffuser		PMMA			
Driver		internal			
Installation Method	Fixed Mounting				
length	mm		500		
Height	mm		100		
Weight	g	1230	1366	1502	

C、Product Certification

Standards	<input checked="" type="checkbox"/> IEC 60598 Series	<input type="checkbox"/> EMC	<input type="checkbox"/> LVD
	<input type="checkbox"/> IEC 61347 Series	<input type="checkbox"/> GB19510	
	<input checked="" type="checkbox"/> IEC62031	<input type="checkbox"/> FCC 47 part 15	<input type="checkbox"/> GB/T20145
	<input checked="" type="checkbox"/> IEC 62471	<input checked="" type="checkbox"/> CISPR15	<input checked="" type="checkbox"/> ROHS
	<input checked="" type="checkbox"/> IEC 61000- 3- 2/ 3	<input checked="" type="checkbox"/> IEC 61547	

D、Electronic Data

Parameter	Units	Min	Rating	Max	Remark
Supply Voltage	V	100	110-230	264	
Supply Frequency	Hz	50	50/60	60	
Supply Current	mA	163	182	201	
Power Consumption	W	37.8	42	46.2	
Power Factor	-	0.9			
Flickering			5%		
Thermal Efficiency					
Luminaire Efficiency					
LED Driver Current	mA	945	1050	1155	
LED Driving voltage	V	32.4	36	39.6	
LED Driver Efficiency	%		90%		
LED Driver Lifetime			25000H		
IP (Wall mounted)			20		
IP (ceiling mounted)			44		
Class		II			
Driver Luminaire TC			75C°		

E、Light Source Data

LED Specifications	Units	
LED Qty. (pcs)	pcs	108
LED Size	mm	2835
LM80 Report		Y

F、 Optical Data

Parameter	Units	Min	Rating	Max	Remark
Luminous Flux	Lm	3690	4100		
Luminous intensity					
Beam Angle			>100		
Luminous Efficacy	lm/W	87.86	> 97.62		
Ra	-		>80		
Chromaticity Coordinate		<input checked="" type="checkbox"/> CIE standard <input type="checkbox"/> ANSI standard <input type="checkbox"/> JIS standard			
Color Temperature	K		4000K-6500K		
SDCM			6		
Optical Efficiency			>80%		

G、 Reliability Data

Parameter	Units	Rating/Working Condition	Remark
Life	hrs	25000	
Number of Switching Cycles	Times	15000	
Starting Time	s	<0.5	
Ability Test	-	PASS	
High-low Temperature Cycle Test	-	PASS	
High Temperature and Humidity Test	-	PASS	