

# **HYUNDAI**


**LED Ceiling Light**

**Technical Specification**

**Fixture Product Specification**

Product Description:	LED Ceiling Light 4000K/ 6500K (Sensor Control)
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**A、 Appearance Description**

	Component NO	Component Name	Material Technics	Color Effect	Remark
	1	Baking finish base	SPCC	Matte white	
	2	Production cover	PC	Milky white	
	3	Cover	PS	Milky white	
	4	Driver Lower Cover	PBT	White	
	5	Driver upper Cover	PBT	White	

**B、 Structure**

Parameter	Units	Min	Rating	Max	Remark
Diffuser		PS			
Driver		internal			
Installation Method	Fixed Mounting				
length	mm		361		
Height	mm		86		
Weight	g	722	760	798	

## C、Product Certification

<b>Standards</b>	<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	198	230	264	
Supply Frequency	Hz	50	50/60	60	
Supply Current	mA	144	160	176	
Power Consumption	W	18.9	21	23.1	
Power Factor	-	0.5			
Flickering			5%		
Thermal Efficiency					
Luminaire Efficiency					
LED Driver Current	mA	248	275	302	
LED Driving voltage	V	60	70	75	
LED Driver Efficiency	%		89		
LED Driver Lifetime			25000H		
IP (Wall mounted)			20		
IP (ceiling mounted)			44		
Class		II			
Driver Luminaire TC			75C°		

## E、Light Source Data

LED Specifications	<b>Units</b>	
LED Qty. (pcs)	<b>pcs</b>	32
LED Size	<b>mm</b>	2835
LM80 Report		Y

## F、 Optical Data

Parameter	Units	Min	Rating	Max	Remark
Luminous Flux	Lm	1665	1850		
Luminous intensity				348	
Beam Angle			>100		
Luminous Efficacy	lm/W	79.29	>88		
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	