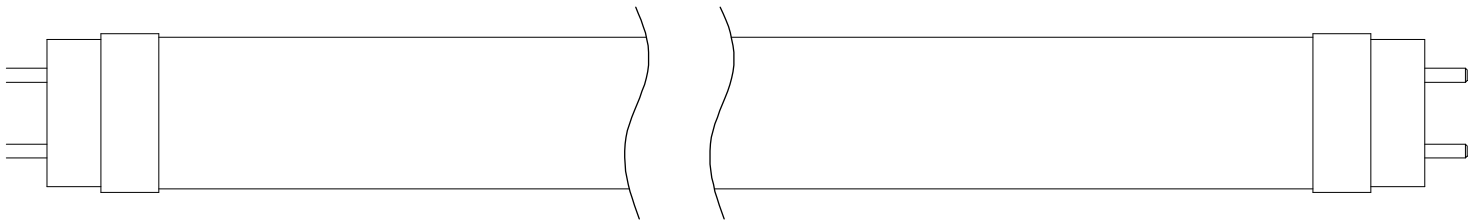


HYUNDAI

L I G H T I N G



T8 Tube

18W

4000K

Technical Datasheet

Product Description	HTUB-18/4K	ID	
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A、 Appearance Description

	Component No.	Component Name	Material Technics	Color Effect	Remark
	1	Cap	Aluminum	Black & Silver	
	2	Tube body	Glass	White	

B、 Structure

Parameter	Units	Min	Rating	Max	Remark
Weight	g	163.3	176.5	189.7	
Surface Treatment	-	glue			
Driver	-	non isolated driver			
External Wire Diameter, Insulation Material And Temperature	-				
Producted Grade	-	IP20			
Installation Method	-				

C、 Product Certificate

Standards	<input type="checkbox"/> IEC60598 Series	<input type="checkbox"/> UL1598	<input type="checkbox"/> GB7000 Series
	<input type="checkbox"/> IEC61347 Series	<input type="checkbox"/> UL1310	<input type="checkbox"/> GB19510
	<input type="checkbox"/> IEC62031 Series	<input checked="" type="checkbox"/> CE	<input checked="" type="checkbox"/> EN55015
	<input checked="" type="checkbox"/> IEC62471	<input checked="" type="checkbox"/> CISPR15	<input checked="" type="checkbox"/> ROHS
	<input checked="" type="checkbox"/> IEC61000-3-2/3	<input type="checkbox"/> IEC61547	<input checked="" type="checkbox"/> EN62776

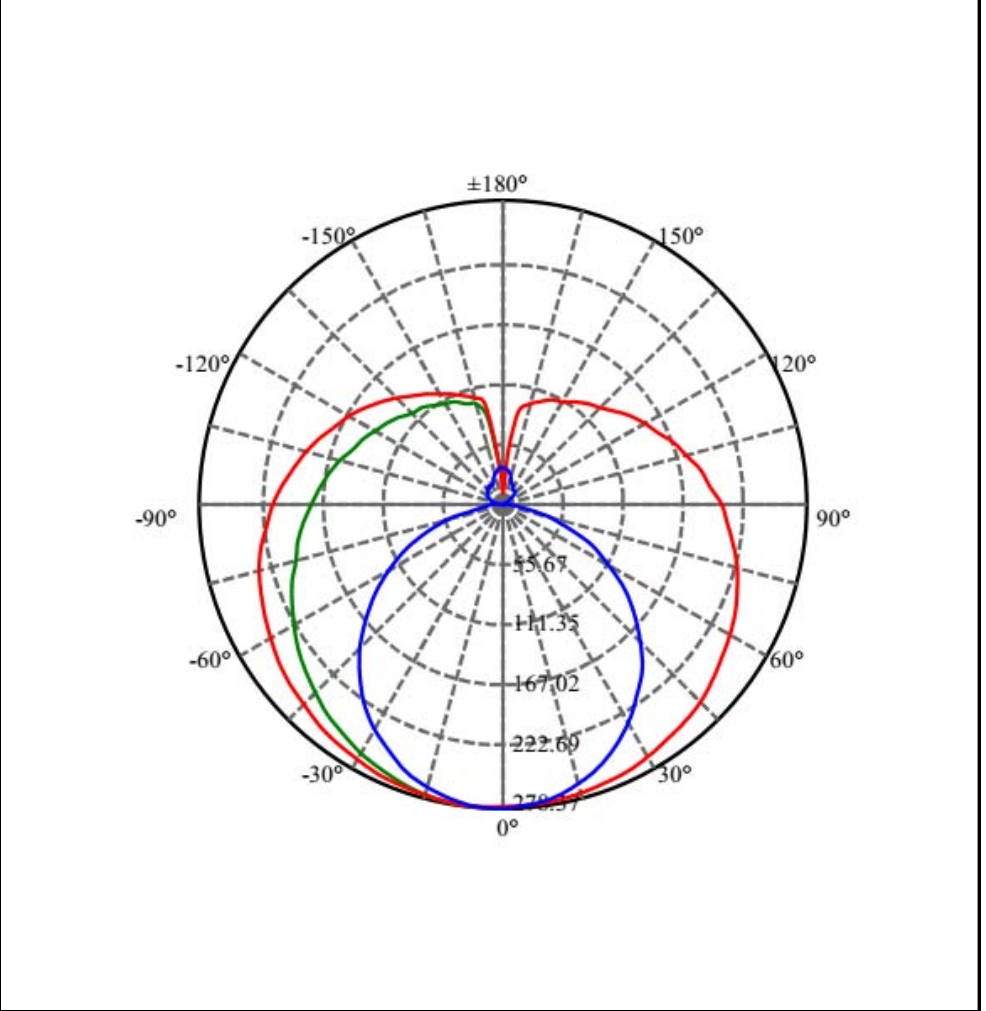
D、 Electronic Data					
Parameter	Units	Min	Rating	Max	Remark
Supply Voltage	V	100	220	240	
Supply Frequency	Hz		50/60Hz		
Supply Current	mA	81	90	99	
Power Consumption	W	16.2	18	19.8	
Power Factor	-	0.9			
THD	%			20	
Flickering	%			50	
LED Driver Current	mA	252	280	308	
LED Driver Voltage	V		62		
LED Driver Efficiency	%		90		
Work Temperature	°C	-20	25	45	
Storage Temperature	°C				

E、 Light Source Date		
LED Model	-	2835
LED Vendor	-	MLS
LM80 Report	-	

D、 Electronic Data					
Parameter	Units	Min	Rating	Max	Remark
Luminous Flux	lm	1620	1800		
Max Luminous Intensity	cd	243	270		
Beam Angle	°		220		
Luminous Efficacy	lm/W	90	100		
SDCM	-			6	
CRI	-	80			

Dominant Wavelength	nm				
Light Radiation Grade	—				
Chromaticity Coordinate	□ CIE ■ ANSI □ JIS				
Color Temperature	K		4000		
Lumen Maintenance	%	70			
Dimming Range	%				Non-dimmable

Light Distribution Curve



D、 Electronic Data

Parameter	Units	Rating/Working Condition	Remark
Lifetime	hrs	20000	
Number of Switching Cycles	Times	10000	
Starting Time	s	<0.5	
Ability Test	-		
High-low Temperature Cycle Test	-	PASS	
High Temperature and Humidity Test	-	PASS	