

# T8 LED Light Fixtures

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RoHS  
Compliant



## Specifications

Characteristics	PEL01594	PEL01595	PEL01596	PEL01597	PEL01598	PEL01599
Input Voltage	AC176-265V 50/60Hz					
Input Current	100mA (Max.)			190mA (Max.)		
Power	10W			18W		
PF	>0.9					
Output Voltage	60V ±10%			72V ±10%		
Output Current	152mA (Max.)			253mA (Max)		
CCT	3000K	4000K	6500K	3000K	4000K	6500K
CRI	≥80					
Lumen Output	855lm±10%			1710lm±10%		
Lumen of Led Module	95lm/w					
Lumen Maintenance	3000H@96%, 6000H@92%					
LED Type	2835					
LED Qty.	60PCS			120PCS		
The Lamp Body Light Transmittance	90%					
Beam Angle	>120°					
Material	PC and Aluminium					
Lifetime	30000H					
IP Level	IP20					
Operating Ambient Temperature	-10°C to +45°C					
Operating Ambient Humidity	≤80%RH					
The Storage Temperature and Humidity	-20°C to +65°C @≤95%RH					

Characteristics	PEL01600	PEL01601	PEL01602	PEL01603	PEL01604	PEL01605
Input Voltage	AC176-265V 50/60Hz					
Input Current	330mA (Max.)			390mA (Max.)		
Power	30W			36W		
PF	>0.9					

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Characteristics	PEL01600	PEL01601	PEL01602	PEL01603	PEL01604	PEL01605
Output Voltage	72V ±10%			72V ±10%		
Output Current	422mA (Max.)			506mA (Max)		
CCT	3000K	4000K	6500K	3000K	4000K	6500K
CRI	≥80					
Lumen Output	2850lm±10%			3420lm±10%		
Lumen of Led Module	95lm/w					
Lumen Maintenance	3000H@96%, 6000H@92%					
LED Type	2835					
LED Qty.	192PCS			240PCS		
The Lamp Body Light Transmittance	90%					
Beam Angle	>120°					
Material	PC and Aluminium					
Lifetime	30000H					
IP Level	IP20					
Operating Ambient Temperature	-10°C to +45°C					
Operating Ambient Humidity	≤80%RH					
The Storage Temperature and Humidity	-20°C to +65°C @≤95%RH					

Characteristics	PEL01606	PEL01607	PEL01608
Input voltage	176V AC to 240V AC, 50Hz		
Input current	140mA (Max.)		
Power	30W		
PF	$>0.9$		
Output Voltage	72V $\pm$ 10%		
Output Current	375mA		
CCT	3000K	4000K	6500K
CRI	$>80$		
LM	2700m $\pm$ 5%		
System Efficacy	90lm/w $\pm$ 5%		
Lumen Maintenance	3000H @ 96%, 6000H @ 92%		
LED Model	2835		
LED Quantity	144PCS		
Lamp Body Light Transmittance	90%		
Beam angle	$>120^\circ$		

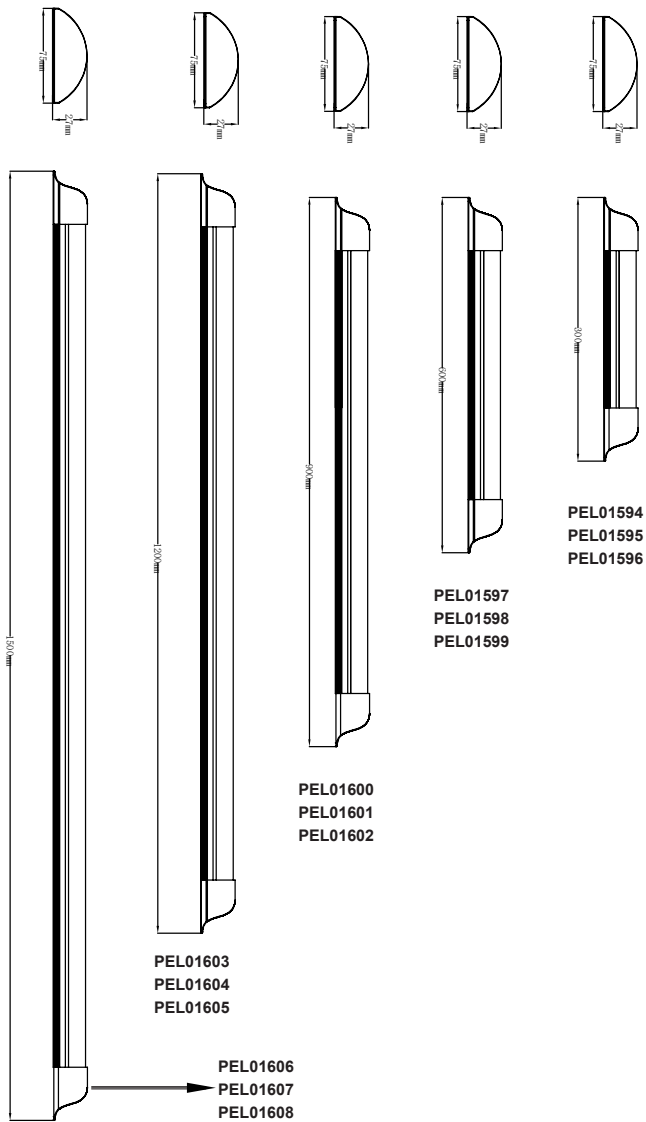
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Characteristics	PEL01606	PEL01607	PEL01608
Material	PC + Aluminium		
Lifetime	30,000 Hours		
IP Level	IP20		
Operating Ambient Temperature	-10°C to +40°C		
Operating Ambient Humidity	≤80% RH		
Storage Temperature and Humidity	-20°C to +60°C @ ≤95%RH		

## Diagram



Dimensions : Millimetres

**Part Number Table**

Description	Part Number
LED Light Fitting, 10W, 300mm, 3000K	PEL01594
LED Light Fitting, 10W, 300mm, 4000K	PEL01595
LED Light Fitting, 10W, 300mm, 6500K	PEL01596
LED Light Fitting, 18W, 600mm, 3000K	PEL01597
LED Light Fitting, 18W, 600mm, 4000K	PEL01598
LED Light Fitting, 18W, 600mm, 6500K	PEL01599
LED Light Fitting, 30W, 900mm, 3000K	PEL01600
LED Light Fitting, 30W, 900mm, 4000K	PEL01601
LED Light Fitting, 30W, 900mm, 6500K	PEL01602
LED Light Fitting, 36W, 1.2m, 3000K	PEL01603
LED Light Fitting, 36W, 1.2m, 4000K	PEL01604
LED Light Fitting, 36W, 1.2m, 6500K	PEL01605
LED Light Fitting, 45W, 1.5m, 3000K	PEL01606
LED Light Fitting, 45W, 1.5m, 4000K	PEL01607
LED Light Fitting, 45W, 1.5m, 6500K	PEL01608

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