

# Based LEDs

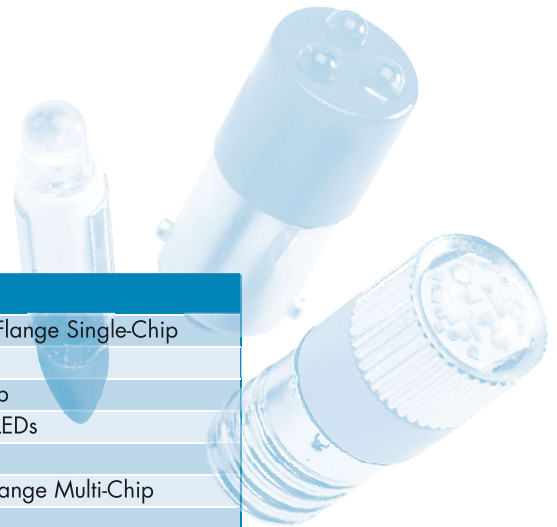
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Apem is continuing its developments within the Optoelectronics market by introducing a range of based LED lamps. These based LED lamps are drop in replacements for the less efficient filament lamps, typically used within pushbutton switches and indicators.

Based LED lamps have many features and benefits over filament lamps, long lifetime (typically 100,000 hours), low power consumption, low heat generation, shock and vibration resistance, long service life (low cost of ownership), high reliability – ideal for critical applications where the presence of indication is important or where lamp replacement is difficult or costly.

The Apem based LED range consists of the most common bases associated with filament lamps, T1 ¾ Midget Groove, T1 ¾ Midget Flange, BA9s, E10, T5.5 telephone slide, T6.8 telephone slide, T1 Bi-Pin, Wedge base and BA15d (for use in application such as stacking towers).

The Apem range of based LEDs have the option of a High Intensity Single-Chip LED, Cluster (typically 3 high intensity LEDs) and Multi-Chip (typically 6 or 8 chip devices). Integral resistors allow direct connection (depending on model) from 6V through to 230V. Some models are also fitted with bridge rectifiers for AC/DC operation.

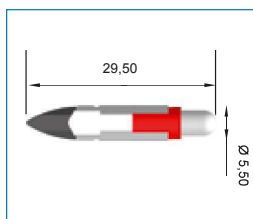


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# Based LEDs

## Single-Chip/Cluster

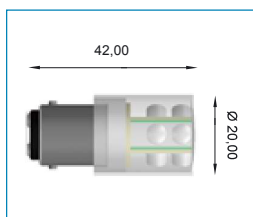
### T5.5 Telephone Slide Single-Chip



Part Number	Colour	Voltage (V)AC/DC	Current (mA) AC/DC	Luminous Intensity (mcd)
T5.5SR12A	Red	12V	9/15	250
T5.5SG12A	Green	12V	9/15	2100
T5.5SY12A	Yellow	12V	9/15	300
T5.5SB12A	Blue	12V	9/15	1200
T5.5SW12A	White	12V	9/15	1500
T5.5SR24A	Red	24V	6/12	250
T5.5SG24A	Green	24V	6/12	2100
T5.5SY24A	Yellow	24V	6/12	300
T5.5SB24A	Blue	24V	6/12	1200
T5.5SW24A	White	24V	6/12	1500
T5.5SR28A	Red	28V	6/12	250
T5.5SG28A	Green	28V	6/12	2100
T5.5SY28A	Yellow	28V	6/12	300
T5.5SB28A	Blue	28V	6/12	1200
T5.5SW28A	White	28V	6/12	1500

For other voltage options please contact APEM

### Ba15d Tower LEDs



Part Number	Colour	Voltage (V)AC/DC	Current (mA) AC/DC	Luminous Intensity (mcd)
TLR24A	Red	24V	20	130
TLG24A	Green	24V	20	100
TLY24A	Yellow	24V	20	150
TLB24A	Blue	24V	20	50
TLW24A	White	24V	20	150
TLR130A	Red	130VAC	20	130
TLG130A	Green	130VAC	20	100
TLY130A	Yellow	130VAC	20	150
TLB130A	Blue	130VAC	20	50
TLW130A	White	130VAC	20	150
TLR230A	Red	230VAC	20	130
TLG230A	Green	230VAC	20	100
TLY230A	Yellow	230VAC	20	150
TLB230A	Blue	230VAC	20	50
TLW230A	White	230VAC	20	150

For other voltage options please contact APEM

Note: 130V, 230V only available AC