

LED - Power Demand

Watts 'Commonly' used by each LED Variant - *(Please treat purely as a guidance)*

Vital:

1. When selecting a 'Transformer'
2. ALWAYS - allow a margin of 20% - or - More!
3. This is vital to avoid Transformer Failures!

Think ahead:

IF you add say 3x LED's on 1x drop / set
Then, in the future, decide to add another LED
You, may also need to change the transformer

So, it's always best to think ahead
This way, you avoid **future expenditure**

Example 1:- Want a 36W Transformer?

Order - Website Ref - LT36 (Option 1)

Example 2:- Want a 48W Transformer?

Order - Website Ref - LT36 (Option 2)

Example 3:- Want a 60W Transformer?

Order - Website Ref - LT60

Example 4:- Want a 120W Transformer?

Order - Website Ref - LT120



A4	Voltage	Energy
Portrait	24 Volts	8 Watts

A4	Voltage	Energy
Landscape	24 Volts	8 Watts

A3	Voltage	Energy
Portrait	24 Volts	10 Watts

A3	Voltage	Energy
Landscape	24 Volts	10 Watts

A2	Voltage	Energy
Portrait	24 Volts	12 Watts

A2	Voltage	Energy
Landscape	24 Volts	12 Watts

A1	Voltage	Energy
Portrait	24 Volts	16 Watts

A1	Voltage	Energy
Landscape	24 Volts	16 Watts

A4 Portrait - Example

Let's assume you opt for our LT60-12 - this has a wattage output of = 60 watts

Lets also assume that you are utilising 4x A4 Portrait LED's

A4P (8W) - Hence 4x LED's = 4x8 = 32W = **Result 60W Transformer is more than adequate!**

A3 Landscape - Example

Let's assume you opt for our LT60-12 - this has a wattage output of = 60 watts

Lets also assume that you are utilising 4x A3 Landscape LED's

A3L (10W) - Hence 4x LED's = 4x10 = 40W = **Result 60W Transformer is more than adequate!**

A2 Portrait - Example

Let's assume you opt for our LT60-12 - this has a wattage output of = 60 watts

Lets also assume that you are utilising 4x A2 Landscape LED's

A2P (12W) - Hence 4x LED's = 4x12 = 48W = **Result 60W Transformer is adequate**

However: to really be on the save-side = **Opt for a 100W Transformer!**

A1 Portrait - Example

Let's assume you opt for our LT60-12 - this has a wattage output of = 60 watts

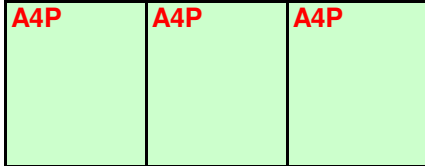
Lets also assume that you are utilising 4x A1 Portrait LED's

A1P (16W) - Hence 4x LED's = 4x16 = 64W = **Result 100W Transformer is more than adequate!**

LED - Power Demand

Watts 'Commonly' used in other types of LED Variants - *(Please treat purely as a guidance)*

A4P - Triple LED = 15W



Watts are the same for A4P + A4L

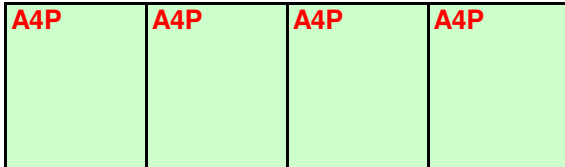
60W Transformer is required

1x LED Pocket Display = 15W
2x LED Pocket Display = 30W
3x LED Pocket Display = 45W

120W Transformer is required

4x LED Pocket Display = 60W

A4P - Quad LED = 20W



Watts are the same for A4P + A4L

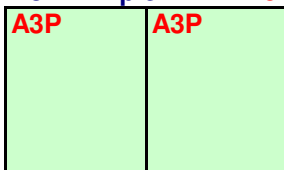
60W Transformer is required

1x LED Pocket Display = 20W
2x LED Pocket Display = 40W

120W Transformer is required

3x LED Pocket Display = 60W
4x LED Pocket Display = 80W

A3P - Triple LED = 15W



Watts are the same for A3P + A3L

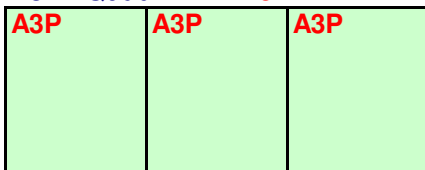
60W Transformer is required

1x LED Pocket Display = 15W
2x LED Pocket Display = 30W
3x LED Pocket Display = 45W

120W Transformer is required

4x LED Pocket Display = 60W

A3P - Quad LED = 25W



Watts are the same for A3P + A3L

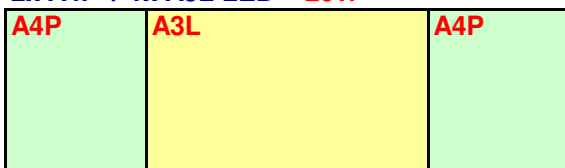
60W Transformer is required

1x LED Pocket Display = 25W
2x LED Pocket Display = 50W

120W Transformer is required

3x LED Pocket Display = 75W
4x LED Pocket Display = 100W

2x A4P + 1x A3L LED = 20W



60W Transformer is required

1x LED Pocket Display = 20W
2x LED Pocket Display = 40W

120W Transformer is required

3x LED Pocket Display = 60W
4x LED Pocket Display = 80W

LED - Power Demand

Watts 'Commonly' used in other types of LED Variants - *(Please treat purely as a guidance)*

1x A4P + 1x A3L LED = 15W**60W Transformer is required**

1x LED Pocket Display = 15W
2x LED Pocket Display = 30W
3x LED Pocket Display = 45W

120W Transformer is required

4x LED Pocket Display = 60W

1x A3L + 1x A4P LED = 15W**60W Transformer is required**

1x LED Pocket Display = 15W
2x LED Pocket Display = 30W
3x LED Pocket Display = 45W

120W Transformer is required

4x LED Pocket Display = 60W

Power Demand = 8W**60W or 120W Transformer**

1x LED Pocket Display = 8W
Plus WATTAGE of other LED's
Action - See other pages!

Power Demand = 15W**60W or 120W Transformer**

1x LED Pocket Display = 15W
Plus WATTAGE of other LED's
Action - See other pages!

Power Demand = 20W**60W or 120W Transformer**

1x LED Pocket Display = 20W
Plus WATTAGE of other LED's
Action - See other pages!

Power Demand = 30W**60W or 120W Transformer**

1x LED Pocket Display = 30W
Plus WATTAGE of other LED's
Action - See other pages!