



| Model                | Output Current (230V Full Load) | Input Current (230V Full Load) | Input Power (230V Full Load) | Output Power Range | PF (Full Load) | Efficiency (Full Load) | Output Voltage |
|----------------------|---------------------------------|--------------------------------|------------------------------|--------------------|----------------|------------------------|----------------|
| CC60W900-1750CG DALI | 1750mA                          | 0.45A                          | 69W                          | 5.4-60W            | 0.9            | 87%                    | 6-58V          |

### 1. Parameters

| category | Item                                                | Technical Norm                                                               |
|----------|-----------------------------------------------------|------------------------------------------------------------------------------|
| Features | Output Type                                         | Constant Current                                                             |
|          | Dimming Type                                        | 1-10V dimming                                                                |
|          | Dimming Range                                       | Primary PUSH & DALI dimming: 0%-100%<br>1-10V dimming: 2%-100%               |
|          | IP Grade                                            | IP20                                                                         |
|          | Insulation Class                                    | Class II                                                                     |
| Input    | Rated Input Voltage                                 | 220-240VAC                                                                   |
|          | Range of Input Voltage                              | 198-264VAC                                                                   |
|          | Frequency                                           | 50/60Hz                                                                      |
|          | Input Current                                       | ≤0.45A (198VAC, full load)                                                   |
|          | Input Power                                         | ≤69W (230VAC, full load)                                                     |
|          | Power Factor                                        | ≥0.90 (230VAC, full load)                                                    |
|          | THD                                                 | ≤20% (230VAC, full load)                                                     |
|          | No-load power                                       | ≤2.0W                                                                        |
|          | Stand-by Power                                      | ≤0.5W ( @230Vac when PUSH or DALI turn off)                                  |
|          | Inrush Current                                      | <20A (Half current pulse width 100US) @230V AC                               |
| Output   | Connected quantity of 16A Breaker                   | 25pcs/type B ; 40pcs/type C @ 230Vac                                         |
|          | Ripple requirement (Flickering or flickering-Free ) | Flicker value: less than 2% for whole dimming range                          |
|          | Output Voltage Range                                | 6-58VDC                                                                      |
|          | No Load Voltage                                     | 68VDC Max.                                                                   |
|          | Output Current                                      | 900MA(6-58V)/1050MA(6-58V)<br>/1200MA(6-50V)/1400MA(6-43V)<br>/1750MA(6-34V) |

|                |                                     |                                                                               |
|----------------|-------------------------------------|-------------------------------------------------------------------------------|
|                | Constant current accuracy           | ±5%                                                                           |
|                | Max. Output Power                   | 60W                                                                           |
|                | Efficiency                          | ≥87% (230VAC, full load)                                                      |
|                | Started Delay Time                  | ≤1S (230VAC, full load)                                                       |
| Control Method | Primary PUSH dimming                | Primary PUSH dimming (Max. lead length : 20m)                                 |
|                | 1-10V (0-10V) dimming               | 1-10V dimming (Port current<1mA),no turn off function (Max. lead length: 20m) |
|                | Dimming range                       | Primary PUSH & DALI dimming: 0%-100%<br>1-10V dimming: 2%-100%                |
|                | Secondary PWM dimming               | 1-10V port PWM dimming (3KHz-8KHz)                                            |
|                | Potentiometer                       | Yes, 100kΩ                                                                    |
|                | DALI function                       | DALI dimming (Max. Lead length: 300m)                                         |
| Protection     | Input over voltage protection       | 300VAC 50Hz/60Hz 2Hours                                                       |
|                | Output over voltage protection      | N/A                                                                           |
|                | Output over load protection         | Yes                                                                           |
|                | Output no load protection           | N/A (Can be inquired)                                                         |
|                | Output over temperature protection  | Yes, without self recovery function (Can be inquired)                         |
|                | Output short circuit protection     | Yes, without self recovery function (Can be inquired)                         |
|                | Insulation voltage                  | I/P to O/P , 3KVac/1min                                                       |
|                | Insulation resistance               | >100M ohm @ 500VDC                                                            |
|                | Leakage current                     | I/P to O/P < 250 μ A                                                          |
| Environment    | Ta/Operation Temperature / humidity | -25~+50℃,Humidity:85% (Non-condensing)                                        |
|                | Ts/Storage Temperature              | -40~+80℃                                                                      |
|                | Tc/Enclosure Temperature            | 85 ℃                                                                          |
|                | Atmosphere                          | 86-108KPa                                                                     |
| Construction   | Connection Method                   | Push-in Terminal                                                              |
|                | Installation                        | Independent installation                                                      |
|                | PRI Wire preparation                | 0.75-1.5 <sup>□</sup>                                                         |
|                | SEC Wire preparation                | 0.75-1.5 <sup>□</sup>                                                         |
|                | Dimension                           | 202*58*30mm (L*W*H)                                                           |
| Standards      | Certification                       | complied to CE                                                                |
|                | Safety Standards                    | EN61347-1:2015,EN61347-2-13:2014/A1:2017 ,EN62493:2015                        |
|                | EMC Standards                       | EN55015:2013/A1:2015,EN61000-3-2:2014,E N61000-3-3:2013,EN61547:2009          |
|                | DALI protocol standard              | IEC62386-102 IEC62386-207                                                     |
|                | Surge                               | L-N/1KV (L/N)-PE/2KV                                                          |
| Others         | RoHS                                | complied to 2011/65/EU                                                        |

|  |                             |                                                     |
|--|-----------------------------|-----------------------------------------------------|
|  | Blackout memory function    | Yes, PUSH blackout memory                           |
|  | PUSH Dimmingsynchronization | 15 units Max.                                       |
|  | Packaging requirement       | white box+ Instructions ClapboardOuter Carton (K=A) |
|  | Life Time                   | 50000h @50°C (Ta) / @85°C (Tc)                      |
|  | Warranty                    | 5years , F.R. < 10000ppm                            |

Remark: 1 All Parameters, if not specified, are measured at 230VAC/50Hz and 25°C ambient temperature.  
2. LED Driver is a component of the luminaires, Luminaires and wire layout will affect the EMC, please check the EMC with end products again.

## 2. Label

**KGP**  
KGP Electronics GmbH  
Hueckstraße 19  
DE-58511 Lüdenscheid

Input Voltage: 220-240Vac  
Input Frequency: 50/60Hz  
Power Factor(λ): >0.9

**Multifunction Dimmable LED Driver**  
**CC60W900-1750CG DALI**  
• tc

Uo: Max. 68Vdc  
Ta: -25to+50°C  
Tc: 85°C

Output Current Setting

|        | 1  | 2  | 3  | 4  |
|--------|----|----|----|----|
| 1750mA | ON | ON | ON | ON |
| 1400mA | ON | ON | ON | ON |
| 1200mA | ON | ON | ON | ON |
| 1000mA | ON | ON | ON | ON |
| 800mA  | ON | ON | ON | ON |

0.75-1.5mm  
8mm

DA L  
DALI L  
N  
N  
DA L  
DALI L  
N

0.75-1.5mm  
8mm

DA L  
DALI L  
N  
N  
DA L  
DALI L  
N

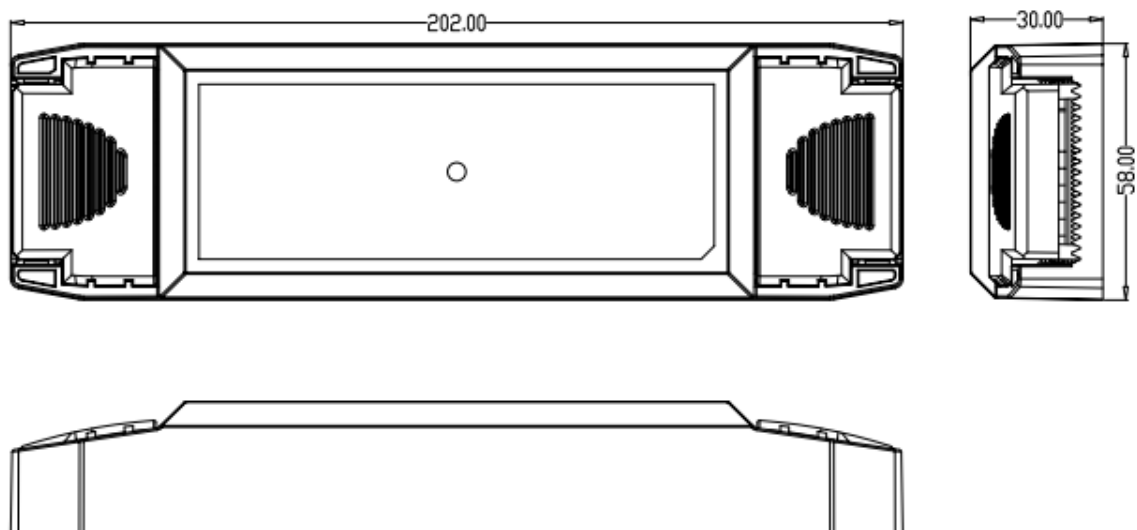
| Io(mA)  | 900      | 1050   | 1200   | 1400   | 1750    |
|---------|----------|--------|--------|--------|---------|
| Uo(Vdc) | 6-58     | 6-58   | 6-50   | 6-43   | 6-34    |
| Po(W)   | 5.4-52.2 | 6.3-60 | 7.2-60 | 8.4-60 | 10.5-60 |

Before use, always check DIP switch settings.

110 M M SELV 1-10Vdc <1mA

designed by Kreate power

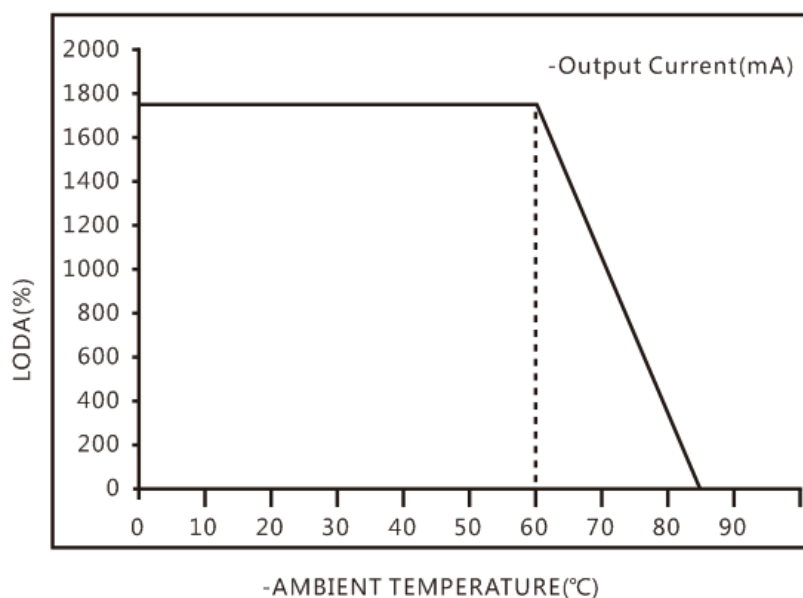
## 3. Dimension (Unit: mm)



### 4. Packing information

| Carton<br>L*W*H(mm) | Pcs/Carton | Net weight/<br>Pcs(kg) | Net weight/<br>Carton(kg) | Gross weight /<br>Carton(kg) |
|---------------------|------------|------------------------|---------------------------|------------------------------|
| 447*240*200         | 35         | 0.262                  | 9.17                      | 10.7                         |

### 5. Derating



### 6. Wiring Diagram

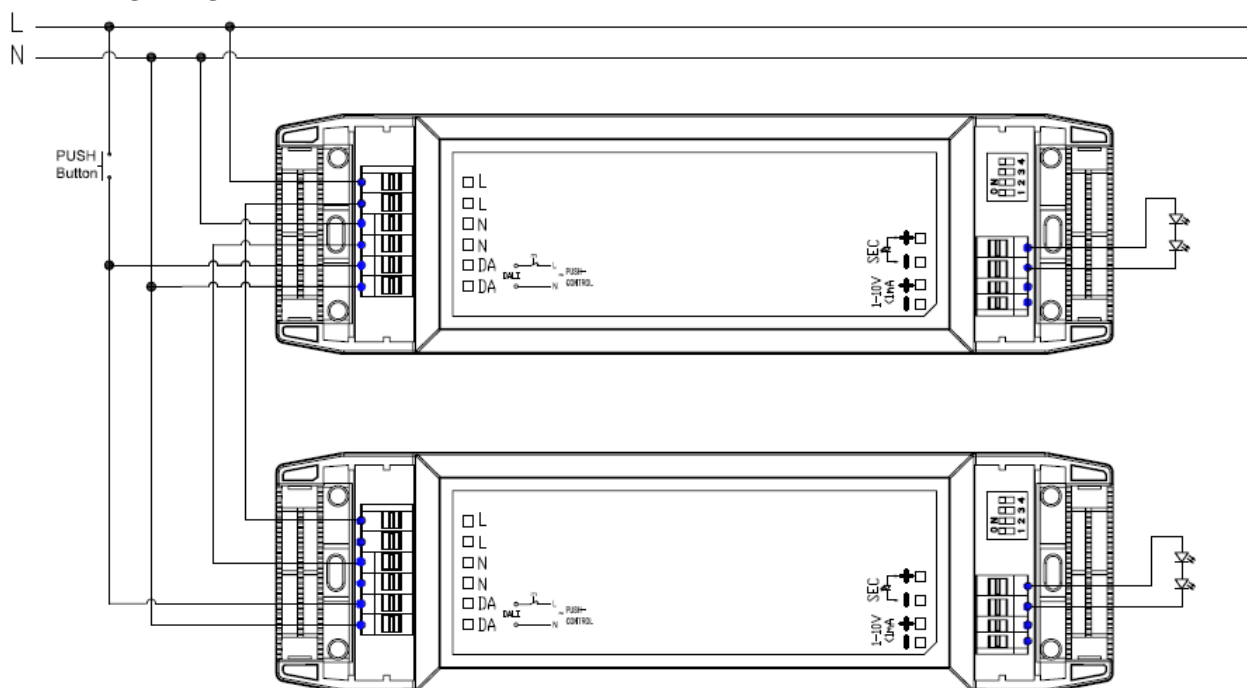
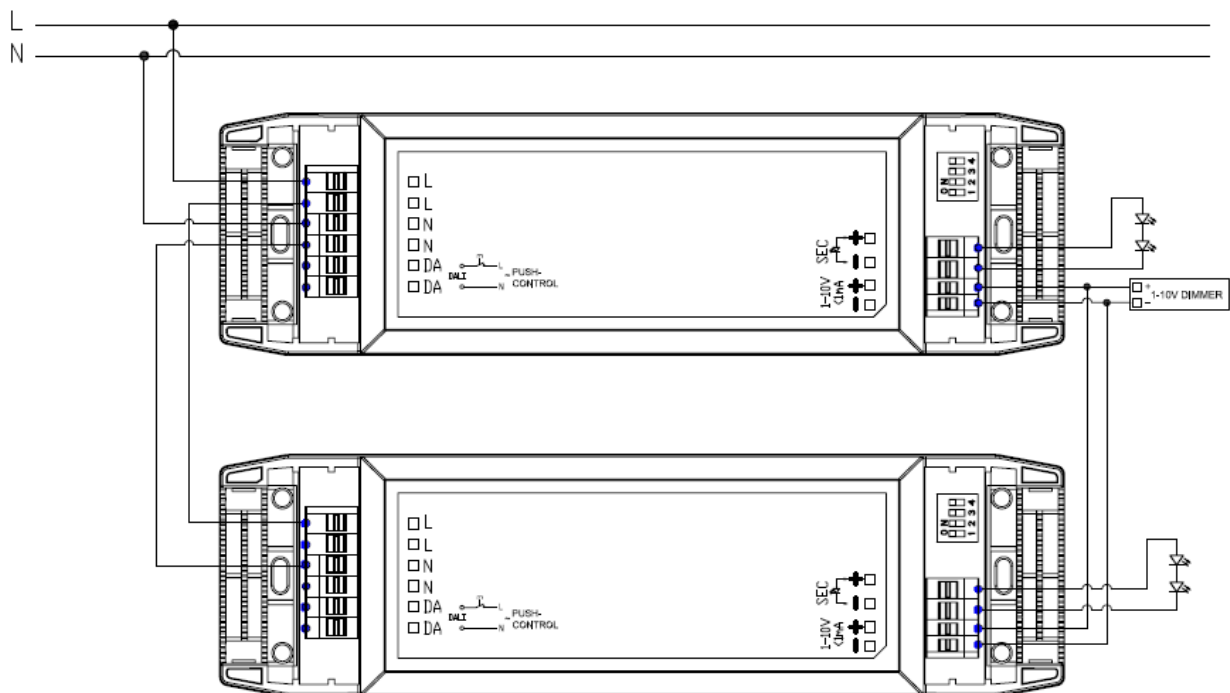
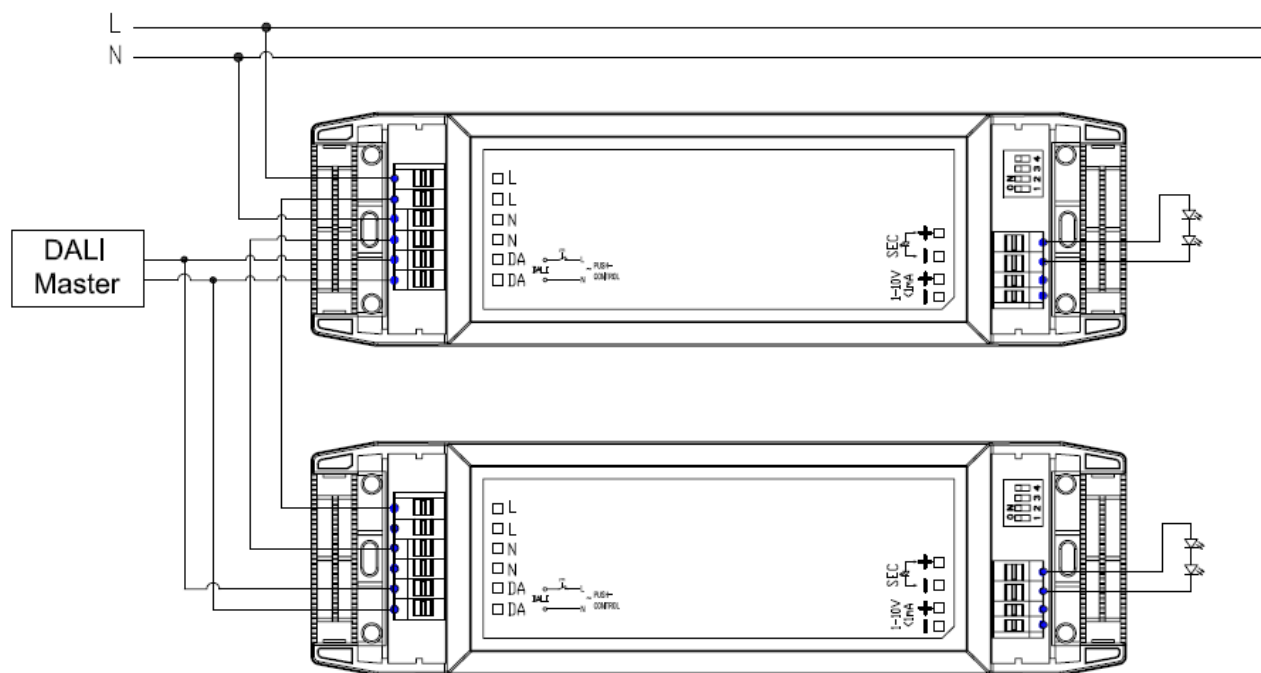


Fig. A Push Dimming



**Fig. B 1-10V Dimming**



**Fig.C DALI dim**