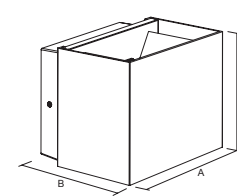


## Technical Data Sheet

| Code No.                       | WL20-10W     |       | WL20B-10W                      |         | WL20-18W     |           | WL20B-18W    |  |
|--------------------------------|--------------|-------|--------------------------------|---------|--------------|-----------|--------------|--|
| Dimension(mm)                  | 120*96.8*100 |       | 120*96.8*100                   |         | 242*97.7*100 |           | 242*97.7*100 |  |
| Cutout (mm)                    |              |       | -                              |         |              |           | -            |  |
| Watt(W)                        |              |       | 2×5W                           |         |              |           | 2×9W         |  |
| Rated Input Voltage(V)         |              |       | AC230V                         |         |              |           | AC230V       |  |
| Input Voltage(V)               |              |       | AC100-240V                     |         |              |           | AC220-240V   |  |
| LED Module Input               |              |       | DC66-76V                       |         |              |           |              |  |
| Light Source                   |              |       | SMD                            |         |              |           |              |  |
| SDCM                           |              |       | <6                             |         |              |           |              |  |
| CCT(K)                         |              |       | 1-CCT: 3000K/4000K/5000K/5700K |         |              |           |              |  |
| CCT Selection DIP Switch       |              |       | NO                             |         |              |           |              |  |
| Luminous Flux (lm) ±5%         | Non-DIM      | 1-CCT | 750~900                        | 750~900 | 1150~1350    | 1150~1350 |              |  |
|                                | DIM          |       | -                              | -       | -            | -         |              |  |
|                                | Non-DIM      | 3-CCT | -                              | -       | -            | -         |              |  |
|                                | DIM          |       | -                              | -       | -            | -         |              |  |
| CRI                            |              |       | ≥80                            |         |              |           |              |  |
| Beam Angle (°)                 |              |       | Adjustable 15°~120°            |         |              |           |              |  |
| UGR                            |              |       | -                              |         |              |           |              |  |
| LED Driver                     |              |       | Built-in                       |         |              |           |              |  |
| Dimming Option                 |              |       | NO                             |         |              |           |              |  |
| Sensor                         |              |       | NO                             |         |              |           |              |  |
| Emergency Kits                 |              |       | NO                             |         |              |           |              |  |
| Electrical Class               |              |       | Class I                        |         |              |           |              |  |
| Ingress Protection (IP Rating) |              |       | IP65                           |         |              |           |              |  |
| Impact Resistance (IK Rating)  |              |       | IK06                           |         |              |           |              |  |
| Product Finishing(Base)        |              |       | Black RAL9005                  |         |              |           |              |  |
| Materials of Optics            |              |       | PC                             |         |              |           |              |  |
| Materials of Housing           |              |       | Aluminium /PC                  |         |              |           |              |  |
| Lifetime (hr)                  |              |       | 50,000h                        |         |              |           |              |  |
| Glow wire test (°C)            |              |       | 750°C                          |         |              |           |              |  |
| Operating Temp. (°C)           |              |       | -20°C ~45°C                    |         |              |           |              |  |
| Storage Temp. (°C)             |              |       | -20°C ~60°C                    |         |              |           |              |  |
| Installation                   |              |       | Wall mount                     |         |              |           |              |  |



## Measurement

| Code      | Dimension(mm) |      |     | Size(mm)     | Product Weight (Kg) |        | Package weight (Kg) |         | Carton Size(cm) | Qty/CTN | 20GP (pcs) | 40HQ (pcs) |
|-----------|---------------|------|-----|--------------|---------------------|--------|---------------------|---------|-----------------|---------|------------|------------|
|           | A             | B    | C   |              | N.W/PC              | G.W/PC | N.W/CTN             | G.W/CTN |                 |         |            |            |
| WL20-10W  | 120           | 96.8 | 100 | 120*96.8*100 | 0.59                | 0.71   | 10.62               | 13.58   | 39*31.5*40      | 18      | 8820       | 21942      |
| WL20B-10W | 242           | 97.7 | 100 | 242*97.7*100 | 1.1                 | 1.3    | 13.2                | 16.6    | 55.5*39.5*27    | 12      | 5588       | 12560      |

## Driver Datasheet (Non-Dimmable)

| Total load wattage |                             | 10W                                 | 18W        |
|--------------------|-----------------------------|-------------------------------------|------------|
| Output             | Output Voltage range        | DC60-80V                            |            |
|                    | Rated output current        | 140mA                               | 230mA      |
|                    | Line Regulation             | ±5%                                 |            |
|                    | Setup, Rise Time            | 1S                                  |            |
|                    | Flickering Index            | -                                   |            |
| Input              | Input Voltage               | AC85-265V                           | AC200-240V |
|                    | Rated Input Voltage(V)      | AC100-240V                          | AC230V     |
|                    | Frequency                   | 50/60Hz                             |            |
|                    | Input Current               | ≤0.11A                              | ≤0.1A      |
|                    | Rated Input Current         | 0.1A                                | 0.09A      |
|                    | Power Factor                | 0.9                                 |            |
|                    | THD                         | -                                   |            |
|                    | Efficiency                  | ≥87 %                               | ≥88%       |
| Protection         | No load wattage             | <0.5W                               |            |
|                    | Short circuit protection    | Pass                                |            |
|                    | Over voltage protection     | Pass                                |            |
|                    | Over temperature protection | Pass                                |            |
| Safety & EMC       | Withstand voltage           | -                                   |            |
|                    | Isolation Resistance        | -                                   |            |
|                    | Surge                       | IEC61000-4-5(L-N:0.5KV, L/N-PG:1KV) |            |
|                    | EMC Emission                | EN55015, EN61000-3-2                |            |
| EMC Immunity       | EMC Immunity                | EN61000-4-2,3,4,5,6,8,11; EN61547   |            |