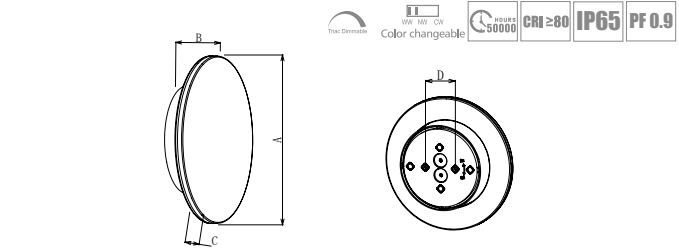


### Technical Data Sheet

| Code No.                       |         | WL105-8W                                                       |         | WL105-15W |  |
|--------------------------------|---------|----------------------------------------------------------------|---------|-----------|--|
| Dimension(mm)                  |         | Ø160*50mm                                                      |         | Ø250*50mm |  |
| Cutout (mm)                    |         |                                                                |         | -         |  |
| Watt(W)                        |         | 8W                                                             |         | 15W       |  |
| Rated Input Voltage(V)         |         | AC230V                                                         |         |           |  |
| Input Voltage(V)               |         | AC220-240V                                                     |         |           |  |
| LED Module Input               |         | -                                                              |         |           |  |
| Light Source                   |         | SMD2835                                                        |         |           |  |
| SDCM                           |         | <6                                                             |         |           |  |
| CCT(K)                         |         | 1-CCT: 3000K/4000K/5000K/5700K    3-CCT: 3000K + 4000K + 5700K |         |           |  |
| CCT Selection DIP Switch       |         | Yes                                                            |         |           |  |
| Luminous Flux (lm) ±5%         | Non-DIM | 1-CCT                                                          | 500-620 | 1000-1220 |  |
|                                | DIM     |                                                                | 500-620 | 1000-1220 |  |
|                                | Non-DIM | 3-CCT                                                          | 510-640 | 1000-1260 |  |
|                                | DIM     |                                                                | 510-640 | 1000-1260 |  |
| CRI                            |         | ≥80                                                            |         |           |  |
| Beam Angle (°)                 |         | 90°                                                            |         |           |  |
| LED Driver                     |         | Built-in                                                       |         |           |  |
| Dimming Option                 |         | Triac                                                          |         |           |  |
| Sensor                         |         | NO                                                             |         |           |  |
| Emergency Kits                 |         | NO                                                             |         |           |  |
| Electrical Class               |         | Class I                                                        |         |           |  |
| Ingress Protection (IP Rating) |         | IP65                                                           |         |           |  |
| Impact Resistance (IK Rating)  |         | IK06                                                           |         |           |  |
| Product Finishing(Base)        |         | Black RAL9005                                                  |         |           |  |
| Optics Material                |         | PC                                                             |         |           |  |
| Housing Material               |         | Aluminium + PC                                                 |         |           |  |
| Lifetime (hr)                  |         | 50,000h                                                        |         |           |  |
| Glow wire test (°C )           |         | 750°C                                                          |         |           |  |
| Operating Temp. (°C )          |         | -20°C ~45°C                                                    |         |           |  |
| Storage Temp. (°C )            |         | -20°C ~65°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  | D  | Ø160*50  | Ø250*50 | N.W/PC              | G.W/PC | N.W/CTN             | G.W/CTN | 54.5*21.5*38    | 54.5*41.5*29 |         |            |            |
| WL105-8W  | 160           | 50 | 13 | 60 | Ø160*50  |         | 0.5                 | 0.57   | 10.26               | 10.9    |                 |              | 18      | 11880      | 26838      |
| WL105-15W | 250           | 50 | 13 | 60 | Ø250*50  |         | 1                   | 1.13   | 13.56               | 14.3    |                 |              | 12      | 5292       | 12420      |

### Driver Datasheet (Triac Dimmable)

| Total load wattage |                             | 8W                                        |  | 15W    |  |
|--------------------|-----------------------------|-------------------------------------------|--|--------|--|
| Output             | Output Voltage range        | DC65-75V                                  |  |        |  |
|                    | Rated output current        | 95mA                                      |  | 190mA  |  |
|                    | Line Regulation             | ±5%                                       |  |        |  |
|                    | Setup, Rise Time            | ≤0.55                                     |  |        |  |
|                    | Flickering Index            | <5%(LOW RISK)                             |  |        |  |
| Input              | Input Voltage               | AC200-240V                                |  |        |  |
|                    | Rated Input Voltage(V)      | AC230V                                    |  |        |  |
|                    | Frequency                   | 50HZ                                      |  |        |  |
|                    | Input Current               | 0.05A                                     |  | ≤0.09A |  |
|                    | Rated Input Current         | ≤0.04A                                    |  | ≤0.08A |  |
|                    | Power Factor                | 0.9                                       |  |        |  |
|                    | THD                         | -                                         |  |        |  |
|                    | Efficiency                  | ≥85%                                      |  | ≥84%   |  |
|                    | No load wattage             | ≤0.5W                                     |  |        |  |
| Protection         | Short circuit protection    | Pass                                      |  |        |  |
|                    | Over voltage protection     | Pass                                      |  |        |  |
|                    | Over temperature protection | Pass                                      |  |        |  |
| Safety & EMC       | Withstand voltage           | -                                         |  |        |  |
|                    | Isolation Resistance        | -                                         |  |        |  |
|                    | Surge                       | IEC/EN61000-4-5(P<25W;L-N:500V/LN-PE:1KV) |  |        |  |
|                    | EMC Emission                | EN55015, EN61000-3-2                      |  |        |  |
|                    | EMC Immunity                | EN61000-4-2,3,4,5,6,8,11; EN61547         |  |        |  |