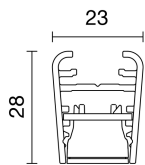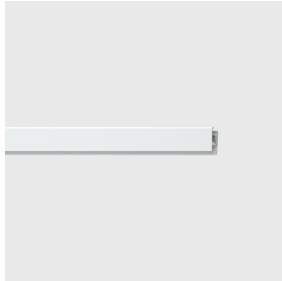## Libera System

Last information update: July 2025

**Product configuration: 612C.01+PF43.P0**
612C: DownLight emission module - Frameless - L= 2280 - 48Vdc (PWM) - General Light – with no screen – Warm White

**Product code**
612C: DownLight emission module - Frameless - L= 2280 - 48Vdc (PWM) - General Light – with no screen – Warm White

**Technical description**
Direct emission linear modular lighting system with Warm White CRI90 monochrome LED lamps. General Light (High Output) luminaire with methacrylate diffusing screen (to be ordered separately) available in a microtextured Opal or Smoked version. Complete with 48Vdc Mid-Power Led circuit and PWM control system. Frameless version with extruded aluminium profile; Modular luminaire that can be positioned freely as it rotates 360° around its own axis (See the instruction sheet for the accessories to be used). Modular system with no screen designed to create a continuous line to be completed with the relevant accessories and a roll screen available in various lengths (to be ordered separately).

**Installation**
Pendant or surface-mounted using suitable accessories to be ordered separately.

| Colour | Weight (Kg) |
|---|---|
| White (01) | 0.35 |

**Wiring**
Connection with quick coupling input and output connectors. The module is designed to use suitable Led Strips (Up Light emission) to be ordered separately. Power supply unit (48V) to be ordered separately as specified in the instruction sheet. Available in an ON-OFF, DALI and BLE version.

Complies with EN60598-1 and pertinent regulations

IP20

**Technical data**

| | | | |
|---|---|---|---|
| lm system: | 966.9 | Colour temperature [K]: | 3000 |
| W system: | 44.5 | MacAdam Step: | 3 |
| lm source: | 5860 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25C) |
| W source: | 36 | Voltage [Vin]: | 48 |
| Luminous efficiency (lm/W, real value): | 21.73 | Lamp code: | LED |
| lm in emergency mode: | - | Number of lamps for optical assembly: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0.0 | ZVEI Code: | LED |
| Light Output Ratio (L.O.R.) [%]: | 17 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 96° | LED current [mA]: | 0.045 |
| CRI: | 90 | Control: | PWM |