

# LED Panel IP65 600x600

M600



## GENERAL CHARACTERISTICS

**Power supply** **SD Luminaire:** Universal Multy Voltage  
93÷265Vac 50÷60Hz 176÷250Vdc  
**ED Luminaire:** 230Vac ±10% 50Hz

**Standard** EN60598-1; EN60598-2-22;  
EN 62471

**Protection grade** IP65, IK05

**Working temp.** -20°C +40°C

**Mounting** M600 recessed mounting

**Body** Aluminium, white

**Optic** UV-stabilised screen  
fireproof, microprismatic,  
anti-reflective, PMMA light guide

**CRI** >90

**UGR** <19

**Luminance** a 65° <3000 cd/mq

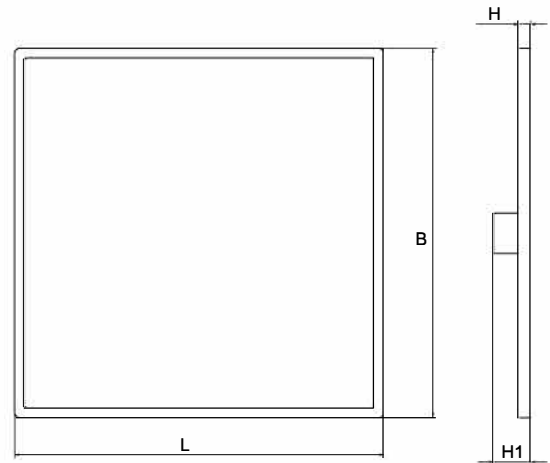
**Driver** **SD Luminaire:** SELV Electronic SD  
(Cos φ ≥ 0, ≥ 0,96) with smart dimming  
**ED Luminaire:** SELV Electronic ED  
(Cos φ ≥ 0,95)

**Colour temperature** 4000K

**MTBF Control gear\*\*** 65,000h

**Luminous flux maintenance\***  
>50,000h (L80B20)

**Colour deviation** 3 SDCM



| Type    | • Dimensions (mm) |     |   | •Weight | kg  |
|---------|-------------------|-----|---|---------|-----|
|         | L                 | B   | H | H1      |     |
| 600x600 | 595               | 595 | 9 | 41      | 3.5 |

\* At the reference working temperature of 25°C

## Home automation to be ordered separately

| Order code | Description                                |
|------------|--|
| 20102      | HOME AUTOMATION CONTROL UNIT               |
| 20124      | WiFi HOME AUTOMATION CONTROL UNIT          |
| 20104      | HOME AUTOMATION REMOTE CONTROL TRANSMITTER |
| 15022      | HOME AUTOMATION REMOTE CONTROL MODULE      |
| 15024      | DALI MODULE                                |
| 15034      | 1-10V MODULE                               |

MODULO  
RADIO  
DOMOTICO

MODULO  
1÷10V

MODULO  
DALI

MODULO  
PLUG&LIGHT

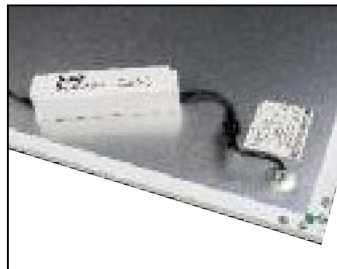
SMART MODULES THAT CAN BE CONNECTED TO THE BEGHELLI SMARTDRIVER



RECESSED MOUNTING



IP65 CABLE GLAND



IP65 DRIVER

### Efficacy and dimming

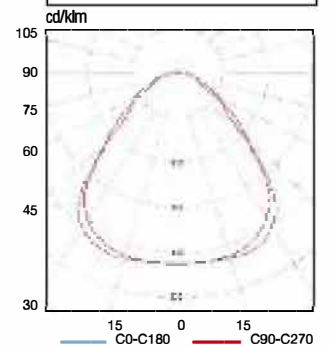
The increase in luminous efficacy (lm/W) and the useful life of the luminaire can vary considerably depending on the level of dimming to which it is subjected. The data to the right refers to the SD LED Panel considering an average dimming level equal to 50% of the luminous flux:

**Dimming** ■ **50%**  
**Luminaire useful life** **+40%**  
**Luminous efficiency** **+15%**

**SPECIAL VERSIONS: COLOUR TEMPERATURE ON REQUEST**  
 Contact Beghelli's sales network

**EMERGENCY VERSIONS:**  
 for the Inverter code, please contact Beghelli's sales network

### POLAR DIAGRAM



## LED Panel IP65 600x600

SmartDriver electronic ballast

| Order Code | Description                           | Power LED W | Temperature Colour K | Yield Chromatic | Absorption Max W | N° LED | Flux LED Im (Tj=25°C) | Flux Luminaire Im | Efficiency Luminous lm/W | Class Energy | Pack |
|------------|---------------------------------------|-------------|----------------------|-----------------|------------------|--------|-----------------------|-------------------|--------------------------|--------------|------|
| 40119      | LED PANEL 418 M600 U19 C90 SD 4K IP65 | 32          | 4000                 | >90             | 36               | 240    | 4800                  | 4000              | 110                      | A++          | 1    |

## LED Panel IP65 600x600

Eco Driver Electronic ballast

| Order Code | Description                           | Power LED W | Temperature Colour K | Yield Chromatic | Absorption Max W | N° LED | Flux LED Im (Tj=25°C) | Flux Luminaire Im | Efficiency Luminous lm/W | Class Energy | Pack |
|------------|---------------------------------------|-------------|----------------------|-----------------|------------------|--------|-----------------------|-------------------|--------------------------|--------------|------|
| 40113      | LED PANEL 418 M600 U19 C90 ED 4K IP65 | 32          | 4000                 | >90             | 36               | 240    | 4800                  | 4000              | 110                      | A++          | 1    |