

## GENERAL INFORMATION / INFORMAȚII GENERALE / INFORMAZIONI GENERALI

| Code         | Finishing | LED type         | Power | Input voltage | Output current/voltage driver | Driver   | LED flux | System flux | CCT   | CRI | Optics | Weight  |
|--------------|-----------|------------------|-------|---------------|-------------------------------|----------|----------|-------------|-------|-----|--------|---------|
| FMQ168NW MWH | Mat white | SMD 2016 EPISTAR | 15W   | 220-240V AC   | 500 mA / 12-24V DC            | Included | 1560 lm  | 968 lm      | 4000K | 82  | 110°   | 0,86 kg |

### Description / Descriere / Descrizione

EN - Wall/ceiling light fitting, square shape, equipped with SMD LEDs, neutral white color temperature.

RO - Aplică/plafonieră cu formă pătrată, echipată cu LED-uri SMD, cu temperatură de culoare alb neutru.

IT - Apparecchio quadrato da parete o da soffitto, a LED SMD, con temperatura di colore bianco neutro.

### Housing / Corp / Corpo

EN - die-cast aluminum housing, electrostatically painted in mat white. Clamping device made of galvanized steel sheet.

RO - Corp din aluminiu turnat sub presiune, vopsit în câmp electrostatic, culoare alb mat. Bridă de fixare din tablă de oțel zincat.

IT - Corpo in pressofusione di alluminio, verniciato a polveri bianco opaco. Staffa di fissaggio in lamiera di acciaio zincato.

### Optics / Sistem optic / Ottica

EN - Diffuser of polystyrene with screen printed grid, polyethylene reflector.

RO - Dispersor din polistiren cu rețea de difuzie serigrafată și reflector din polietilenă.

IT - Diffusore in polistirene, con retino diffusore serigrafato e riflettore in polietilene.

### Electric gear / Aparataj de alimentare / Alimentazione

EN - Constant current LED driver delivered with the panel. Connector "plug-in" type between LED panel and driver. Connector 2P, 2,5 mm<sup>2</sup> max. at the driver entry.

RO - Alimentator în curent constant livrat împreună cu panoul. Conector tip "plug-in" între panou și alimentator. Conector 2P, max. 2,5 mm<sup>2</sup> la intrarea în alimentator.

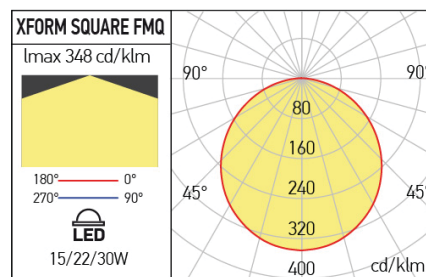
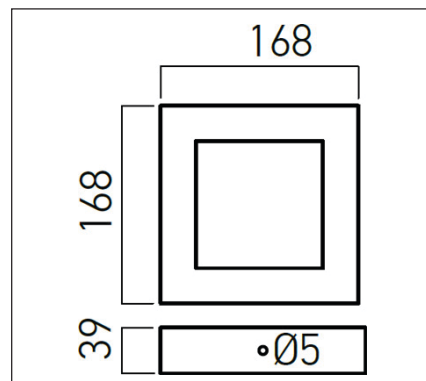
IT - Alimentatore in corrente costante fornito con il pannello. Connettore tipo "plug-in" tra pannello e alimentatore. Connettore 2P, max. 2,5 mm<sup>2</sup> all'entrata dell'alimentatore.

### Range of applications / Aplicații / Campi di applicazione

EN - General interior lighting.

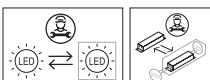
RO - Iluminatul general de interior.

IT - Illuminazione generale per interni.



### ErP and ecodesign data Date ErP și ecodesig Dati ErP ed ecodesign

|                                     |                    |
|-------------------------------------|--------------------|
| Lighting technology used:           | LED                |
| Directional or non-directional:     | NDLS               |
| Mains or non-mains:                 | NMLS               |
| CLS:                                | No                 |
| Color tunable light source:         | No                 |
| Anti-glare shield:                  | No                 |
| Dimmable:                           | No                 |
| Energy consumption (kWh/1000h):     | 15                 |
| Energy efficiency class:            | F                  |
| Useful luminous flux (Φuse):        | 1560 lm            |
| Correlated color temperature:       | 4000K              |
| On-mode power (Pon):                | 11,85W             |
| Standby power (Psb):                | ≤0,50              |
| Networked standby power (Pnet):     | -                  |
| Outer dimensions (HxWxL, HxØ):      | 39x168x168 mm      |
| CRI:                                | 82                 |
| Chromaticity coordinates (x and y): | x=0.3804, y=0.3795 |
| Peak luminous intensity (cd):       | -                  |
| Beam angle in degrees:              | 110°               |
| R9 color rendering index:           | 1                  |
| Survival factor:                    | 100%               |
| Lumen maintenance factor:           | 96%                |
| Displacement factor (cosφ1):        | -                  |
| McAdam ellipses:                    | 6                  |
| Flicker metric (Pst LM):            | ≤1                 |
| Stroboscopic effect metric (SVM):   | ≤0,4               |
| Ponmax:                             | 14,78W             |



Standards:

EN 60598-1:2015 + A1:2018, EN 60598-2-1:2020, EN 62493:2015, EN 62471:2008, EN 62031:2008 + A1:2013 + A2:2015, EN 60529:1992 + A2:2013, EN 55015:2019 + A11:2020 + A1:2015, EN 61000-3-2:2019, EN 61000-3-3:2013 + A1:2019, EN 61547:2009.