



### Characteristics

Direct replacement for luminaires with fluorescent lamps  
 Suitable for recessed ceiling systems with a grid size of 600 x 600 mm  
 Suitable for suspended and recessed mounting  
 Flicker free  
 Easy and quick installation  
 Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)  
 Luminous efficiency of >100 lm/W  
 Material of the body: Aluminium  
 Material of the LGP: PMMA  
 RFI conform up to 300MHz  
 Immunity according to standard  
 PF > 0.9

### Typical application

Office lighting  
 Schools  
 Commercial areas  
 Workshops

### Technical parameters

#### Input

Rated power  
 Main voltage  
 Power Factor (230VAC/50Hz)  
 Mains frequency  
 Dimmability  
 Energy efficiency class

48W  
 200-240VAC  
 0.95  
 50/60Hz  
 No  
 LED

#### Body

Material of the body  
 Material of the diffuser  
 Length  
 Width  
 Height  
 Color of the body

Aluminium  
 PMMA  
 595 mm  
 595 mm  
 10 mm  
 Grey / White

#### Lighting characteristics

Luminous flux  
 Efficiency  
 Color rendering index (CRI)  
 Color temperature (CCT)  
 Flicker

4 800 lm  
 100 lm/W  
 >80  
 3000K/4000K/6500K  
 Flicker free

#### Lifespan and Warranty

Lifespan  
 Warranty

30 000 h / 50 000 h  
 3Y/5Y

#### Environment

Operating temperature range  
 Storage temperature range  
 EMC  
 Safety  
 Immunity

-10 ~ 40°C  
 -20 ~ 60°C  
 EN 55015  
 EN 61347-2-13  
 EN 61547

#### Protection

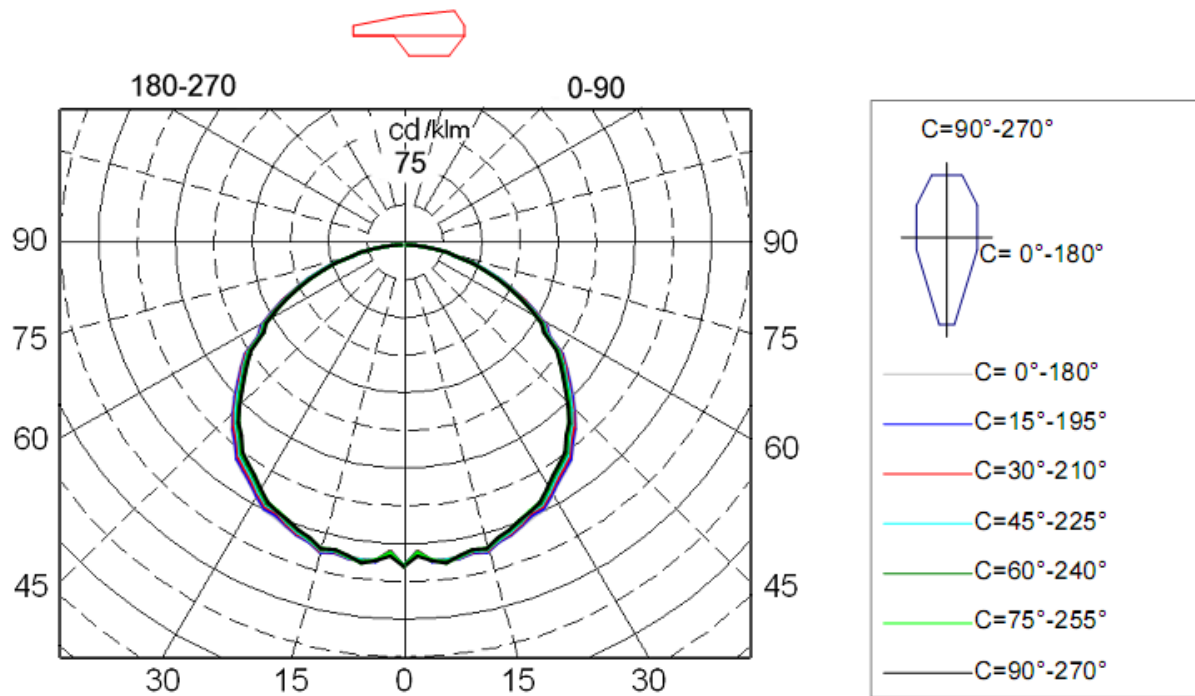
Ingress protection IP  
 Safety class

IP40  
 Class II

#### Approvals

CE

**Lighting Curves**



**Lighting Curves 3D**

