

# Datasheet

## FL1800-GL1800

Manufacture: NEKO LIGHTING AG

Type: FUSION Linear System FL1800(S)F-GL1800-48W-830-WN



### General

- Indoor
- Linear System
- Ceiling mounted
- Version: square
- Housing: white
- Reflector: none
- IP 20

### LED

- 3000K
- CRI 80
- LED Output: 6400lm
- System Output: 5200lm
- 50000h@L80B10
- SDCM: 3



### Description

FUSION Linear profile with General Light (GL1800) insert and ON-OFF driver as surface mounted; white profile channel (RAL 9016); LED 48W; measurement 1800mm x 50mm; CCT 3000K with an LED Output of 6400lm; decent colour rendering at an index of CRI80; after a lifetime of 50000h min. 80% of the luminous flux with energy efficient SAMSUNG LED Chips; 5 years warranty; wide beam characteristic with 105° beam angle; lighting perfectly suitable for reading, writing as well as computer and control work; degree of housing protection according to DIN EN 60529 (IP20)

### Light distribution



### Technical drawing



### Optics

- Beam angle: 105°

### Electric

- LED Driver: ON-OFF
- LED Power: 48W
- System Power: 52W
- 46V
- 700mA + 350mA

### Dimensions

- Measurement: 1800mm x 50mm
- Height: 95mm



CB

CE

RoHS



Driver



The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of NEKO Lighting AG apply.