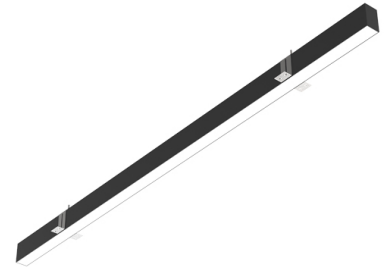


# Datasheet

## FL1800-GL1800

Manufacture: NEKO LIGHTING AG

Type: FUSION Linear System FL1800(R)D-GL1800-48W-840-BN



### General

- Indoor
- Linear System
- Trimless Recessed
- Version: square
- Housing: black
- Reflector: none
- IP 20

### LED

- 4000K
- CRI 80
- LED Output: 7000lm
- System Output: 5500lm
- 50000h@L80B10
- SDCM: 3



### Description

FUSION Linear profile with General Light (GL1800) insert and DALI Dim driver as trimless recessed; black profile channel (RAL 9005); LED 48W; measurement 1800mm x 50mm; CCT 6600K with an LED Output of 5000lm; 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: DALI Dim
- LED Power: 48W
- System Power: 52W
- 46V
- 700mA + 350mA

### Dimensions

- Measurement: 1800mm x 50mm
- Cutout: 1810mm x 52mm
- Height: 95mm
- Ceiling height: 150mm



CB

CE

RoHS



Driver

1810x52mm



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.