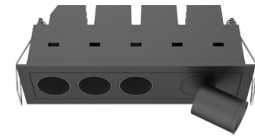


## FUSION FF3-FS1



Manufacture: NEKO LIGHTING AG

Type: FUSION Adjustable Spotlight FF51-8302409F-BB

### General

- Indoor
- Spotlight
- Recessed mounted
- Version: square
- Housing: black
- Reflector: black
- System Output: 650lm
- IP 20

### LED

**OSRAM**

- 3000K
- CRI80
- 950lm
- 50000h@L80B10
- SDCM: 3

### Optics

- Beam angle: 24°
- UGR <19

### Electric

- LED Driver: ON-OFF
- LED Power: 9W
- System Power: 11W
- 13V
- 700mA

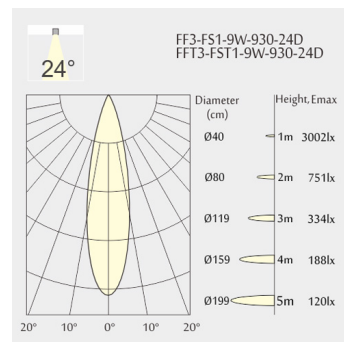
### Dimensions

- Measurement: 152.5mm x 45mm
- Cutout: 144mm x 37mm
- Height: 60mm
- Ceiling height: 120mm
- Net Weight: 340g
- Gross Weight: 420g
- Pivot: max. 90°
- Rotation: 355°

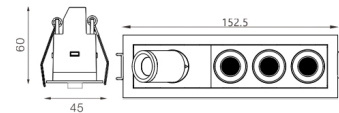
### Description

Square recessed ceiling spotlight made of die-cast aluminium with black powder-coating finish (RAL 9005) and black reflector; ON-OFF Driver; LED 9W; measurement 152.5mm x 45mm; ceiling cutout of 144mm x 37mm with a narrow mounting trim; luminaire's weight is approximately 340g; CCT 3000K with an LED Output of 950lm; decent color rendering at an index of CRI80; after a lifetime of 50000h min. 80% of the luminous flux with energy efficient OSRAM LED Chips; 5 years warranty; narrow beam characteristic with 24° beam angle; lighting perfectly suitable for reading, writing as well as computer and control work according to DIN EN 12464-1 (UGR<10); degree of housing protection according to DIN EN 60529 (IP20)

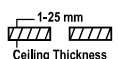
### Light distribution



### Technical drawing



RoHS



144x37mm



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.