

LED Bar for Tukkari Enclosure



100prnt

[VIEW IN BROWSER](#)

updated 18. 2. 2022 | published 8. 2. 2022

Summary

Holder for LED profile, fits the Tukkari enclosures.



0.99 hrs



1 pcs



0.15 mm



0.40 mm



PET



6 g



Prusa
MK3/S/S+

[3D Printers](#) > [3D Printers - Upgrades](#)

Tags: [led](#) [enclosure](#) [ledstrip](#) [3dprinterlighting](#) [ledlight](#)
[printerlight](#) [ledbar](#) [tukkari](#) [ruthex](#) [tlx](#) [ledprofile](#)

With this holder a simple LED profile can be mounted simply and inconspicuously in the Tukkari TLX enclosure.

The cable is passed out the bottom of the holder and can be routed along the edge in the TLX enclosure.

Material

I use a black painted profile, sold from Amazon:

- [Aluminium LED Profil LT4 + Abdeckung \(Schwarz Milchig\)](#)

You will also need two M2.5 x 10 screws and, of course, a compatible LED strip. The power cable should not be thicker than 4 mm.

Installation

To mount the holder, two holes must be drilled in the side walls of the enclosure. The drilling jig can be used for exact positioning of the holes.

The holes in the drilling jig have a diameter of 2.9 mm. To compensate for minor differences, drilling should be done with a **3.0 mm drill bit**.

Wire Guides

To be able to route the cable of the LED bar cleanly, I have made a new model of the Tukkari block (hinge side). Furthermore I designed a mount, which can be put on the nuts of the door hinges.

The WireGuide_HingeSideBlock is available in two versions. One for directly screwing in M4 screws and one for using M4 threaded inserts. Ich empfehlen die Einsätze von Ruthex:

- [Ruthex M4 Thread Inserts](#)

More Tukkari Mods

See also my blog article on modifications for the Tukkari enclosure.

- [Tukkari Mods on 100prznt.de](#)

Model files



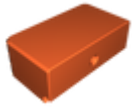
ledbar_drilljig.stl



ledbar_mount_rounded_right.stl

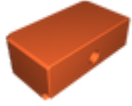


ledbar_mount_rounded_left.stl



wireguide_hingesideblock.stl

☐ fits for the Tukkari TLX enclosure



wireguide_hingesideblock_m4inserts.stl

☐ fits for the Tukkari TLX enclosure; ready for use Ruthex M4 threadinserts



tlx_hinge_wireguide_hex.stl

Print files



ledbar_mount_rounded_015mm_petg_mk3s_1h0m.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.15 mm ⌚ 0.99 hrs ⚖ 6 g 🖨 Prusa MK3/S/S+

[Find source .stl files on Thingiverse.com](#)

License ©



This work is licensed under a
Creative Commons (4.0 International License)

Attribution—Noncommercial—Share Alike

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✗ | Commercial Use
 - ✗ | Free Cultural Works
 - ✗ | Meets Open Definition