



Friction-Fit Shell-Mount Cyclotron Light Holders for Q-Pack Mk3 and GBFans Pack Light Kit



Shwalamazula

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Summary

Light enclosure for GB Fans cyclotron lights for the Q-Pack MK3



1.70 hrs



1 pcs



0.20 mm



0.40 mm



PET



20 g



Prusa
MK3/S/S+

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[pack](#) [fans](#) [cyclotron](#) [q](#) [gbfans](#) [qpack](#)

This is a shell-mounted holder for the GBFans Cyclotron lights in the GBFans Pack Light Kit. This is designed for the Q-Pack MK3 (<https://github.com/mr-kiou/q-pack>).

Assembly is straight-forward:

1. Insert lens into bottom of base
2. Insert base into Q-Pack Mk3 Cyclotron hole (backside)
3. Install GBFans Cyclotron Light Chip
4. Install cap over the chip

You can then rotate the assembly to your desired orientation and use whatever means you wish to secure the part in its final location (superglue, CA glue, epoxy, etc.). If you do not wish to glue down your cap but still want a more secure fit than the friction fit, the screw holes are made for a standard M3 bolt. It is recommended to use a 10mm or 12mm bolt (8mm can be used but the engagement will be really shallow).

Different sizes have been created for the base, depending on your lens supplier:

- 50.0 mm x 3 mm (JupiterElectronics)
- 50.0 mm x 5 mm (GBFans)
- 44.5 mm x 5 mm (TacoBelli)
- 35.0 mm x 5 mm (BenOfKent)

Model files



cyclotronlenslite_qpackmk3_gbfans_base-50x3.stl



cyclotronlenslite_qpackmk3_gbfans_cap.stl



cyclotronlenslite_qpackmk3_gbfans_cap-wlogo.stl



cyclotronlenslite_qpackmk3_gbfans_base-50x5.stl



cyclotronlenslite_qpackmk3_gbfans_base-445x5.stl



cyclotronlenslite_qpackmk3_gbfans_base-35x5.stl



cyclotronlenslite_qpackmk3_gbfans_base-50x3.3mf



cyclotronlenslite_qpackmk3_gbfans_cap.3mf



cyclotronlenslite_qpackmk3_gbfans_cap-wlogo.3mf



cyclotronlenslite_qpackmk3_gbfans_base-50x5.3mf



cyclotronlenslite_qpackmk3_gbfans_base-445x5.3mf



cyclotronlenslite_qpackmk3_gbfans_base-35x5.3mf



cyclotronlenslightholder_qpackmk3_gbfans_50x3.step

Print files



cyclotronlenslite_qpackmk3_gbfans_assembly_02mm.gcode

PET 0.40 mm 0.20 mm 1.70 hrs 20 g Prusa MK3/S/S+

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