Subject: New Flower
Posted by Piers on Sat, 17 Nov 2012 11:42:36 GMT
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Hello
Heres a new design. This version is only for from/fit testing. Later revisions will be lit. The stem consists of 2 interweaving (not connected) layers, and a cored centre to allow for either a single LED or a larger diameter fiber optic. The flower is hollow with a hole at the base . Stem and flower connect with a simple push fit. Yet I think i will change this to a ball and socket for added stability.

Ill offer a version of this unlit through shapeways so people can DIY or just use it as an ornament .

Im pretty sure but WSF wont conduct electricty right? And that warning on the side of the newer boxes, that reads ' The products should not come into contact with electricty' doesnt apply to wires that are properly insulated?

Oh BTW from order to receiving was 5 days .....and i ordered on a Sunday. Nice one Shapeways.

EDIT: The dimensions for the flower alone are:
In: 2.6 w x 2.6 d x 2.4 h
Cm: 6.5 w x 6.5 d x 6.0 h

File Attachments

1) 2.gif, downloaded 241 times
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Subject: Re: New Flower
Posted by bartv on Mon, 19 Nov 2012 09:57:43 GMT
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Nice work! I'd love to see it lit - keep us updated!

Polyamide doesn't conduct electricity, but we can't recommend running 220v bare wires through it Powering a low-voltage LED light through properly insulated wires should be fine.

Cheers,

Bart

Subject: Re: New Flower
Posted by Piers on Mon, 19 Nov 2012 18:08:34 GMT
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Thanks Bart

Any chance you know what the minimum internal diameter of a tube has to be, if the wall thickness is 1 mm? If the, 'Usable area in the relation wall thickness / hole size' from the advance design rules can be used then i guess it's anything over 2mm.

Regards

Oh n heres a couple of tests i did.....sorry for the bad quality photos. Think my camera is afraid of the dark.

File Attachments

1) 5.gif, downloaded 145 times

Subject: Re: New Flower
Posted by Ray716 on Mon, 19 Nov 2012 23:57:27 GMT
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Ohhh My.. that is Gorgeous!

Ray

Subject: Re: New Flower
Posted by bartv on Tue, 20 Nov 2012 09:35:09 GMT
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Sweet!

2mm sounds good.

Bart

Subject: Re: New Flower
Posted by Piers on Tue, 20 Nov 2012 19:00:39 GMT
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Thanks Ray, always appreciated.

Cheers Bart, am working with .8mm at the moment . . Time to change the stem design.

Piers