

## Performance evaluation of the 50 cm box-and-line dynode photomultiplier tube

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A box-and-line photomultiplier tube (PMT) with a 50 cm diameter size was developed by Hamamatsu. Its performance is superior to the conventional PMT used in Super-Kamiokande. We measured various performance of the PMT in detail. The specification and usability will be reported.

### **Length (min.) request (including discussion time)**

30

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