Inference at $*$
of proof for Lemma bool_ind:

$\vdash \forall P{:}(\mathbb{B} \to \mathbb{P}).\ P(\text{ff}) \Rightarrow P(\text{tt}) \Rightarrow \{\forall b{:}\mathbb{B}.\ P(b)\}$
by ((((Unfold ‘guard‘ 0)
CollapseTHEN (UnivCD))·)
CollapseTHENA (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

1:

1. $P : \mathbb{B} \to \mathbb{P}$
2. $P(\text{ff})$
3. $P(\text{tt})$
4. $b : \mathbb{B}$

$\vdash P(b)$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_90730_{bool_ind}.html