

# LOTUS SESSION IPA

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- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **48**
- SRM **3.4**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.1 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **18.1 liter(s)**
- Total mash volume **23.6 liter(s)**

## Steps

- Temp **66 C**, Time **70 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **18.1 liter(s)** of strike water to **73C**
- Add grains
- Keep mash **70 min** at **66C**
- Keep mash **5 min** at **78C**
- Sparge using **18.5 liter(s)** of **76C** water or to achieve **31.1 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (90.9%)	80 %	4
Grain	Cara Clair	0.5 kg (9.1%)	78 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lotus	20 g	60 min	15.2 %
Boil	Lotus	15 g	20 min	15.2 %
Boil	Lotus	15 g	10 min	15.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM54 Gorączka kalifornijska	Ale	Liquid	30 ml	Fermentum Mobile