

## Light summer IPA

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- Gravity **6.6 BLG**
- ABV **2.5 %**
- IBU **30**
- SRM **3.9**

### 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 **31.7 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.9 liter(s)**
- Total mash volume **13.2 liter(s)**

### Steps

- Temp **62 C**, Time **60 min**
- Temp **68 C**, Time **30 min**
- Temp **74 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **9.9 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **60 min** at **62C**
- Keep mash **30 min** at **68C**
- Keep mash **20 min** at **74C**
- Keep mash **10 min** at **78C**
- Sparge using **25.1 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3 kg (90.9%)	80 %	5
Grain	Karmelowy Czerwony	0.3 kg (9.1%)	75 %	59

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Elani	30 g	60 min	5.7 %
Boil	Elani	50 g	10 min	5.7 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM706 Żar tropików	Ale	Liquid	40 ml	Fermentum Mobile

### Extras

Type	Name	Amount	Use for	Time
Spice	Ksylitol	200 g	Bottling	---