

## Lekka Sesja [Session IPA]

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **47**
- SRM **4.4**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **27.6 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.8 liter(s)**
- Total mash volume **20.3 liter(s)**

### Steps

- Temp **52 C**, Time **10 min**
- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **0 min**

### Mash step by step

- Heat up **15.8 liter(s)** of strike water to **56.6C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **40 min** at **62C**
- Keep mash **20 min** at **72C**
- Keep mash **0 min** at **78C**
- Sparge using **16.3 liter(s)** of **76C** water or to achieve **27.6 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Biscuit Malt	0.3 kg (6.7%)	79 %	45
Grain	Strzegom Pilzniejszy	3.2 kg (71.1%)	80 %	4
Grain	Pszeniczny	1 kg (22.2%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnat	15 g	60 min	11.2 %
Boil	Cascade	10 g	15 min	6 %
Boil	Citra	10 g	15 min	12 %
Boil	Amarillo	10 g	15 min	9.5 %
Boil	Mosaic	10 g	15 min	10 %
Boil	Cascade	10 g	5 min	6 %
Boil	Citra	10 g	5 min	12 %
Boil	Amarillo	10 g	5 min	9.5 %
Boil	Mosaic	10 g	5 min	10 %

### Yeasts

<b>Name</b>	<b>Type</b>	<b>Form</b>	<b>Amount</b>	<b>Laboratory</b>
Safale US-05	Ale	Dry	11.5 g	Fermentis

### **Extras**

<b>Type</b>	<b>Name</b>	<b>Amount</b>	<b>Use for</b>	<b>Time</b>
Water Agent	gips	3 g	Mash	60 min
Spice	kolendra	5 g	Boil	10 min
Fining	mech irlandzki	4 g	Boil	10 min