

## Na lekko

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- Gravity **10.5 BLG**
- ABV **4.2 %**
- IBU ---
- SRM **3.9**
- Style **California Common Beer**

### Batch size

- Expected quantity of finished beer **35 liter(s)**
- Trub loss **5 %**
- Size with trub loss **38.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **46.2 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **29.8 liter(s)**
- Total mash volume **38.3 liter(s)**

### Steps

- Temp **50 C**, Time **20 min**
- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **2 min**

### Mash step by step

- Heat up **29.8 liter(s)** of strike water to **54.3C**
- Add grains
- Keep mash **20 min** at **50C**
- Keep mash **60 min** at **68C**
- Keep mash **2 min** at **78C**
- Sparge using **24.9 liter(s)** of **76C** water or to achieve **46.2 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński IREKS	6 kg (70.6%)	80.5 %	5
Grain	Płatki owsiane	0.5 kg (5.9%)	60 %	3
Grain	Orkisz niesłodowany	1.5 kg (17.6%)	40 %	4
Grain	Briess - Rye Malt	0.5 kg (5.9%)	80 %	7