

# LUBELSKI PILS

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **35**
- SRM **8.3**
- Style **Bohemian Pilsener**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.3 liter(s)**
- Total mash volume **19 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **76 C**, Time **0 min**

## Mash step by step

- Heat up **14.3 liter(s)** of strike water to **73.6C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **0 min** at **76C**
- Sparge using **19.5 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	4 kg (84.2%)	81 %	4
Grain	Strzegom Wiedeński	0.5 kg (10.5%)	79 %	10
Grain	Strzegom Karmel 300	0.25 kg (5.3%)	70 %	299

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	20 g	60 min	12 %
Boil	Lublin (Lubelski)	30 g	15 min	4.8 %
Boil	Lublin (Lubelski)	30 g	10 min	4.8 %
Dry Hop	Lublin (Lubelski)	40 g	4 day(s)	4 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis

## Extras

Type	Name	Amount	Use for	Time
Finning	Mech irlandzki	3 g	Boil	15 min