

Světlý Plzeň

- Gravity **8.3 BLG**
- ABV **3.2 %**
- IBU **18**
- SRM **2.8**
- Style **Bohemian Pilsener**

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 **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.9 liter(s)**
- Total mash volume **17.2 liter(s)**

Steps

- Temp **62 C**, Time **20 min**
- Temp **72 C**, Time **40 min**
- Temp **76 C**, Time **0 min**

Mash step by step

- Heat up **12.9 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **20 min** at **62C**
- Keep mash **40 min** at **72C**
- Keep mash **0 min** at **76C**
- Sparge using **23.1 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	4 kg (93%)	81 %	4
Grain	Briess - Carapils Malt	0.3 kg (7%)	74 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Aroma (end of boil)	Saaz (Czech Republic)	25 g	30 min	4.5 %
Aroma (end of boil)	Saaz (Czech Republic)	25 g	15 min	4.5 %
Aroma (end of boil)	Saaz (Czech Republic)	25 g	7 min	4.5 %
Whirlpool	Saaz (Czech Republic)	25 g	0 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM30 Bohemska rapsodia	Lager	Liquid	600 ml	Fermentum Mobile

Extras

Type	Name	Amount	Use for	Time
Water Agent	Whirlfloc t	2 g	Boil	10 min