

Light neipa

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **69**
- SRM **4.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **20.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **16.4 liter(s)**
- Total mash volume **21.1 liter(s)**

Steps

- Temp **67 C**, Time **45 min**
- Temp **72 C**, Time **10 min**
- Temp **77 C**, Time **1 min**

Mash step by step

- Heat up **16.4 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **45 min** at **67C**
- Keep mash **10 min** at **72C**
- Keep mash **1 min** at **77C**
- Sparge using **12.4 liter(s)** of **76C** water or to achieve **24.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3 kg (63.8%)	81 %	4
Grain	Pszeniczny	1 kg (21.3%)	85 %	4
Grain	Płatki owsiane	0.5 kg (10.6%)	60 %	3
Grain	Simpsons - Caramalt	0.2 kg (4.3%)	76 %	69

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	15 g	60 min	7.3 %
Whirlpool	Sabro	47 g	20 min	15.8 %
Whirlpool	Galaxy	50 g	20 min	17.4 %
Dry Hop	Sabro	50 g	5 day(s)	15.8 %

Yeasts

Name	Type	Form	Amount	Laboratory
WLP067 - Coastal Haze	Ale	Culture	50 g	---