

## Session IPA Magnum Cascade PL

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- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **59**
- SRM **3.3**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **34.2 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (83.3%)	81 %	4
Grain	Płatki owsiane	1 kg (16.7%)	85 %	3

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	50 g	60 min	13.5 %
Boil	Cascade PL	100 g	1 min	5.2 %
Dry Hop	Cascade PL	100 g	3 day(s)	5.2 %

### Yeasts

Name	Type	Form	Amount	Laboratory
us05	Ale	Slant	30 ml	---