

# Ciemna Strona Mocy- Black IPA

- Gravity **16.8 BLG**
- ABV ---
- IBU **105**
- SRM ---
- Style **Black IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **3 %**
- Size with trub loss **21.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **22.9 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	bruntal ciemny	3.4 kg (64.2%)	90 %	0
Liquid Extract	bruntal jasny	1.7 kg (32.1%)	90 %	0
Dry Extract	ekstrakt słodowy jasny	0.2 kg (3.8%)	90 %	---

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Equinox	50 g	60 min	13.1 %
Boil	Equinox	20 g	30 min	13.1 %
Boil	Centennial	10 g	10 min	10.5 %
Boil	Equinox	10 g	10 min	13.1 %
Boil	Cascade	10 g	10 min	6 %
Boil	Cascade	30 g	5 min	6 %
Boil	Centennial	20 g	5 min	10.5 %
Dry Hop	Equinox	20 g	7 day(s)	13.1 %
Dry Hop	Centennial	30 g	7 day(s)	10.5 %
Dry Hop	Cascade	20 g	7 day(s)	6 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Slant	300 ml	Safale

## Extras

Type	Name	Amount	Use for	Time
Other	cukier	120 g	Bottling	---