

Blackout

- Gravity **23.6 BLG**
- ABV **10.8 %**
- IBU **67**
- SRM **27.7**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **14 liter(s)**
- Trub loss **5 %**
- Size with trub loss **14.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **17.7 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	WES ekstrakt słodowy ciemny	5.1 kg (100%)	--- %	70

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	50 g	60 min	10.4 %
Aroma (end of boil)	Cascade	50 g	10 min	7.6 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	23 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Flavor	Słód czekoladowy ciemny Viking malt	500 g	Boil	10 min