

IPA

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **37**
- SRM **6.6**
- Style **English IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 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 | Cara 30 EBC | 0.5 kg (8.3%) | 75 % | 30 |
| Grain | Płatki owsiane | 0.3 kg (5%) | 85 % | 3 |
| Grain | Pszeniczny Crystal | 0.2 kg (3.3%) | 75 % | 130 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|--------|--------|------------|
| Boil | First Gold | 50 g | 30 min | 8 % |
| Boil | Bramling | 25 g | 10 min | 6 % |
| Boil | Bramling | 25 g | 5 min | 6 % |