

Ipa

- Gravity **17.3 BLG**
- ABV **7.4 %**
- IBU **44**
- SRM **4.8**
- Style **English IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21.3 liter(s)**
- Total mash volume **28.4 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Pilzneński | 2.3 kg (32.4%) | 81 % | 4 |
| Grain | Płatki owsiane | 0.4 kg (5.6%) | 60 % | 3 |
| Grain | Viking Pale Ale malt | 4 kg (56.3%) | 80 % | 3 |
| Grain | Strzegom Karmel 30 | 0.2 kg (2.8%) | 75 % | 30 |
| Grain | Żytmi | 0.2 kg (2.8%) | 85 % | 8 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------------|--------|----------|------------|
| Boil | amora preta | 50 g | 15 min | 7 % |
| Boil | X13459 | 100 g | 15 min | 6.2 % |
| Dry Hop | X13459 | 100 g | 7 day(s) | 6.2 % |
| Dry Hop | Nelson Sauvín | 50 g | 7 day(s) | 11 % |