

Lekka Sesja [Session IPA]

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **47**
- SRM **4.4**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **27.6 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.8 liter(s)**
- Total mash volume **20.3 liter(s)**

Steps

- Temp **52 C**, Time **10 min**
- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **0 min**

Mash step by step

- Heat up **15.8 liter(s)** of strike water to **56.6C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **40 min** at **62C**
- Keep mash **20 min** at **72C**
- Keep mash **0 min** at **78C**
- Sparge using **16.3 liter(s)** of **76C** water or to achieve **27.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Biscuit Malt | 0.3 kg (6.7%) | 79 % | 45 |
| Grain | Strzegom Pilzniejszy | 3.2 kg (71.1%) | 80 % | 4 |
| Grain | Pszeniczny | 1 kg (22.2%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|----------|--------|--------|------------|
| Boil | Magnat | 15 g | 60 min | 11.2 % |
| Boil | Cascade | 10 g | 15 min | 6 % |
| Boil | Citra | 10 g | 15 min | 12 % |
| Boil | Amarillo | 10 g | 15 min | 9.5 % |
| Boil | Mosaic | 10 g | 15 min | 10 % |
| Boil | Cascade | 10 g | 5 min | 6 % |
| Boil | Citra | 10 g | 5 min | 12 % |
| Boil | Amarillo | 10 g | 5 min | 9.5 % |
| Boil | Mosaic | 10 g | 5 min | 10 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|-------------|-------------|---------------|-------------------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|----------------|---------------|----------------|-------------|
| Water Agent | gips | 3 g | Mash | 60 min |
| Spice | kolendra | 5 g | Boil | 10 min |
| Fining | mech irlandzki | 4 g | Boil | 10 min |