

Session IPA LIDL

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **47**
- SRM **4.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **10 %**
- Size with trub loss **14.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **17.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.9 liter(s)**
- Total mash volume **13.2 liter(s)**

Steps

- Temp **62 C**, Time **25 min**
- Temp **67 C**, Time **25 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **9.9 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **25 min** at **62C**
- Keep mash **25 min** at **67C**
- Keep mash **10 min** at **78C**
- Sparge using **11.2 liter(s)** of **76C** water or to achieve **17.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 2.5 kg (75.8%) | 85 % | 7 |
| Grain | Słód pszeniczny Bestmalz | 0.8 kg (24.2%) | 82 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|---------------|--------|----------|------------|
| Boil | Chmiel denali | 5 g | 60 min | 14.2 % |
| Boil | Chmiel denali | 10 g | 15 min | 14.2 % |
| Boil | Mosaic | 10 g | 15 min | 12.3 % |
| Whirlpool | Mosaic | 15 g | 15 min | 12.3 % |
| Whirlpool | Chmiel denali | 15 g | 15 min | 14.2 % |
| Dry Hop | Chmiel denali | 20 g | 2 day(s) | 14.2 % |
| Dry Hop | Mosaic | 25 g | 2 day(s) | 12.3 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|------------------------|-----|-------|--------|------------|
| WLP090 San Diego Super | Ale | Slant | 200 ml | White Labs |
|------------------------|-----|-------|--------|------------|

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-----------------|--------|---------|--------|
| Water Agent | Gips Piwowarski | 3 g | Mash | 60 min |
| Water Agent | Kwas Fosfotowy | 10 g | Mash | 60 min |
| Fining | Whirlfloc T | 5 g | Boil | 7 min |