

## #79 Session West Coast IPA

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- Gravity **8.5 BLG**
- ABV **3.3 %**
- IBU **30**
- SRM **2.4**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **11.5 liter(s)**
- Trub loss **10 %**
- Size with trub loss **12.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

### Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **7.4 liter(s)**
- Total mash volume **9.5 liter(s)**

### Steps

- Temp **69 C**, Time **60 min**

### Mash step by step

- Heat up **7.4 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **69C**
- Sparge using **9.9 liter(s)** of **76C** water or to achieve **15.2 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pilsen Malt	1.66 kg (79%)	80.5 %	2
Grain	Briess - Rye Malt	0.22 kg (10.5%)	80 %	7
Grain	Weyermann - Carapils	0.22 kg (10.5%)	78 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	16 g	40 min	10 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - 1450 Denny's Favorites	Ale	Liquid	44.23 ml	Wyeast Labs

### Notes

- Gęstość po gotowaniu 9 Bx  
Whirlfloc + pożywka  
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