

# Imperialny Lichtus IPA - us

- Gravity **18 BLG**
- ABV **7.7 %**
- IBU **116**
- SRM **6.6**
- Style **Imperial IPA**

## Batch size

- Expected quantity of finished beer **18.9 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **25 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.51 liter(s) / kg**
- Mash size **23.9 liter(s)**
- Total mash volume **30.7 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	BESTMALZ - Bestt Pale Ale	5.9 kg (86.6%)	80.5 %	6
Grain	BESTMALZ - Best Minich	0.45 kg (6.6%)	80.5 %	16
Grain	Strzegom Karmel 30	0.23 kg (3.4%)	75 %	30
Grain	Pszeniczny	0.23 kg (3.4%)	85 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	56.7 g	60 min	14.7 %
Boil	Centennial	14.17 g	20 min	9.4 %
Boil	Simcoe	14.17 g	20 min	13.1 %
Boil	Centennial	14.17 g	10 min	9.4 %
Boil	Simcoe	14.17 g	10 min	13.2 %
Boil	Columbus/Tomahawk/Zeus	28.35 g	5 min	15.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - American Ale II	Ale	Slant	59.1 ml	---