

## Ciemna strona mocy

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- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **26**
- SRM **74.4**

### Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

### Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **32 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Karmelowy żytni Strzegom	0.3 kg (3.8%)	75 %	150
Grain	Carafa III	0.7 kg (8.8%)	70 %	1034
Grain	Fawcett - Pszeniczny Czekoladowy	0.7 kg (8.8%)	73 %	1001
Grain	Carafa III	0.7 kg (8.8%)	70 %	1034
Grain	Caraaroma	0.7 kg (8.8%)	78 %	400
Grain	Briess - Pale Ale Malt	4.9 kg (61.3%)	80 %	7

### Hops

Use for	Name	Amount	Time	Alpha acid
First Wort	Tradition	40 g	90 min	5.5 %
Aroma (end of boil)	Tradition	25 g	10 min	5.5 %