

Nocturnal

- Gravity **23.8 BLG**
- ABV **10.9 %**
- IBU **50**
- SRM **44**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **35 liter(s)**
- Trub loss **5 %**
- Size with trub loss **36.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **44.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- 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 | Bestmalz Red X | 5 kg (34%) | 79 % | 30 |
| Grain | Melanoiden Malt | 0.5 kg (3.4%) | 80 % | 39 |
| Grain | Briess - Wheat Malt, White | 0.5 kg (3.4%) | 85 % | 5 |
| Grain | Barley, Flaked | 0.5 kg (3.4%) | 70 % | 4 |
| Grain | Extra black | 0.5 kg (3.4%) | 65 % | 1400 |
| Grain | Simpsons - Roasted Barley | 0.5 kg (3.4%) | 70 % | 1084 |
| Grain | Fawcett - Dark Crystal | 0.5 kg (3.4%) | 71 % | 300 |
| Sugar | Muscovado | 0.2 kg (1.4%) | 100 % | 350 |
| Dry Extract | Dry Extract (DME) - Light | 0.2 kg (1.4%) | 95 % | 16 |
| Liquid Extract | Liquid Extract (LME) - Pale | 3.4 kg (23.1%) | 78 % | 16 |
| Liquid Extract | Liquid Extract (LME) - Amber | 2.9 kg (19.7%) | 78 % | 26 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------------------|--------|--------|------------|
| Boil | Columbus/Tomahawk/Zeus | 50 g | 60 min | 15.5 % |
| Boil | Columbus/Tomahawk/Zeus | 50 g | 20 min | 15.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| US-05 | Ale | Dry | 30 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

| | | | | |
|--------|---------------|------|-----------|-----|
| Flavor | Kostki whisky | 50 g | Secondary | --- |
|--------|---------------|------|-----------|-----|