

beLine50A 175 W

2018

light source **80 x OSRAM**

total consumption **175 W ± 5 % @ 232 V**

LED output @ +25 °C + 50 °C

total lm (LED) **28.204 lm** **27.075 lm**

lm / wat (LED) **161 lm/wat** **155 lm/wat**

T_J (°C) **65 °C** **85 °C**

luminaire output @ 25 °C **24.909 lm - 27.075 lm**

LED working @ **41% [820 mA]**

input voltage **90-305 V**

input frequency **50 - 60 Hz**

LED driver **Inventronics LED driver**

LED driver efficiency **94,0%**

power factor @ full power **99%**

colour temperature **4000 K**

CRI **> 70**

secondary optics **no optics, N, W, WW, WWW, SHELVING**

radio dimming **optional**

PIR sensor **optional**

operating temperature **-30 °C to +50 °C**

mounting height **4 m to 35 m**

lamp lifespan **L70@100.000 hrs**

warranty on all components **50.000 hrs or 5 years**

housing – heatsink **extruded 99,7% aluminum**

optics cover **3.2 mm extra white tempered glass**

connection **60 cm 3x1,5mm2 wire without connector**

cooling surface **1,15 m2**

IP rating **IP65**

IK code **IK08**

protection class IEC **class I**

rough service mark **YES**

lamp dimensions **A/B/C = 625/244/70 mm**

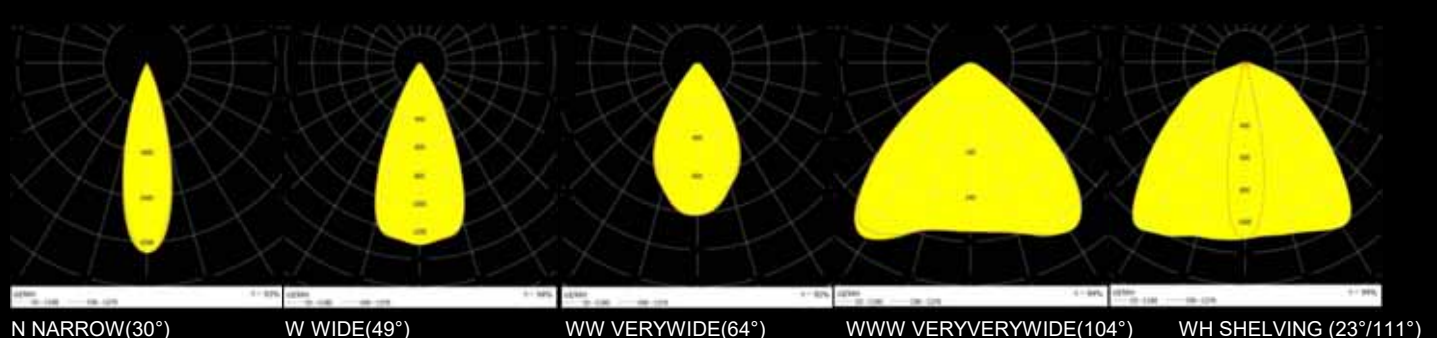
lamp weight **8,5 kg**

packaging dimensions **A/B/C = 725/249/90 mm**

packaging weight **9,0 kg**



Photometric curves



beLine50A 175 W

| Lamp version | optics | lm output | efficiency |
|---|---------------------------|-----------|------------|
| 175W beLine 50A [FR] - 80OGWN470-00FREE00-600A2 | NO OPTICS | 27.075 lm | 155 lm/wat |
| 175W beLine 50A [N] - 80OGWN470-30C13233-600A2 | N (NARROW) | 25.180 lm | 144 lm/wat |
| 175W beLine 50A [W] - 80OGWN470-49C14605-600A2 | W (WIDE) | 25.451 lm | 145 lm/wat |
| 175W beLine 50A [WW] - 80OGWN470-64C14606-600A2 | WW (VERYWIDE) | 24.909 lm | 142 lm/wat |
| 175W beLine 50A [WWW] - 80OGWN470-104C14724-600A2 | WWW (VERYVERYWIDE) | 25.451 lm | 145 lm/wat |
| 175W beLine 50A [WH] - 80OGWN470-WHC13749-600A2 | WH (SHELVINGS) | 25.451 lm | 145 lm/wat |

Other lamp performance options

Radio dimming is optional. Lamps with radio beBox dimming have -D at the end.

example: 175W beLine 50A-D [N] - 80OGWN470-30C13233-600A1

(Inventronics EUD series LED driver)

Lamps can have PIR sensor and dimming at the same time. Lamps have -PD at the end.

example: 175W beLine 50A-PD [N] - 80OGWN470-30C13233-600A1

(Inventronics EUD series LED driver)

INVENTRONICS programmable LED drivers (EUD series) are used for dimmable options. LED drivers come with 5 year warranty.

Mounting kit options



Reflector MC



Wall MC



Low ceiling MC



Steel chain



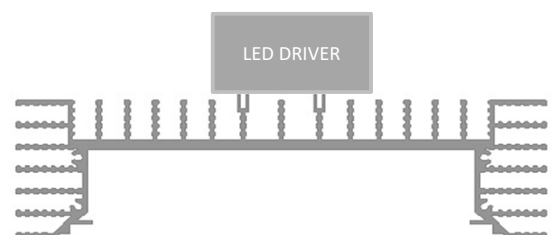
Wire hanging kit

*Custom kits available on demand



Lamp has a LED DRIVER mounted on top of heat sink. The LED DRIVER has a 600mm long cable to be plugged into the electrical dose. (no connector is included in standard package - only on demand)

Special design for clean environment and warehouses. Cooling surface is achieved with horizontal ribs on side and on top of aluminum heat sink.



Certificates and protection