

beLine50A 85 W

2018

light source **32 x OSRAM**

total consumption **85 W ± 5 % @ 93 V**

LED output @ + 25 °C + 50 °C

total lm (LED) **13.246 lm** **12.717 lm**

lm / wat (LED) **156 lm/wat** **150 lm/wat**

T_J (°C) **65 °C** **85 °C**

luminaire output @ 25 °C **11.699 lm - 12.717 lm**

LED working @ **45% [900 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 20 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 **0,58 m2**

IP rating **IP65**

IK code **IK08**

protection class IEC **class I**

rough service mark **YES**

lamp dimensions **A/B/C = 325/244/70 mm**

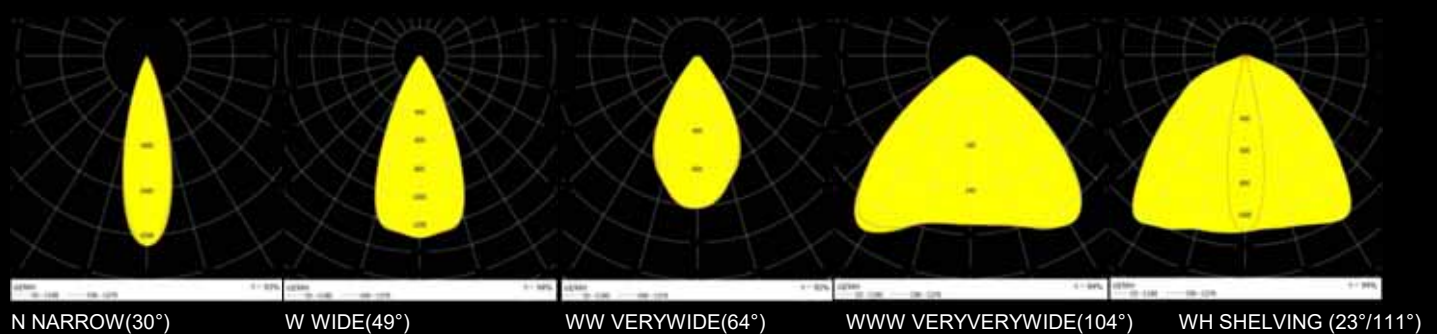
lamp weight **4,9 kg**

packaging dimensions **A/B/C = 425/249/90 mm**

packaging weight **5,4 kg**



Photometric curves



beLine50A 85 W

Lamp version	optics	lm output	efficiency
85W beLine 50A [FR] - 32OGWN470-00FREE00-300A2	NO OPTICS	12.717 lm	150 lm/wat
85W beLine 50A [N] - 32OGWN470-30C13233-300A2	N (NARROW)	11.826 lm	139 lm/wat
85W beLine 50A [W] - 32OGWN470-49C14605-300A2	W (WIDE)	11.954 lm	141 lm/wat
85W beLine 50A [WW] - 32OGWN470-64C14606-300A2	WW (VERYWIDE)	11.699 lm	138 lm/wat
85W beLine 50A [WWW] - 32OGWN470-104C14724-300A2	WWW (VERYVERYWIDE)	11.954 lm	141 lm/wat
85W beLine 50A [WH] - 32OGWN470-WHC13749-300A2	WH (SHELVINGS)	11.954 lm	141 lm/wat

Other lamp performance options

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

example: 85W beLine 50A-D [N] - 32OGWN470-30C13233-300A1

(Inventronics EUD series LED driver)

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

example: 85W beLine 50A-PD [N] - 32OGWN470-30C13233-300A1

(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



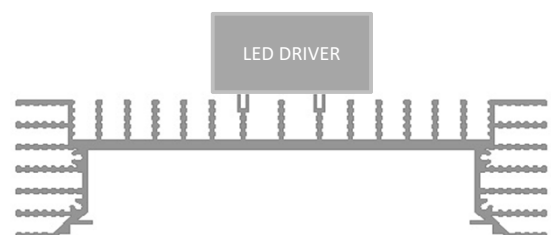
Wire hanging kit

*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