

beLine70AHV 65 W

only available with PowerBox

2018

light source **32 x OSRAM**

total consumption **65 W ± 5 %**

LED output @ +25 °C +50 °C +80 °C

total lm (LED) **0 lm** **0 lm** **0 lm**

lm / wat (LED) **0 lm/wat** **0 lm/wat** **0 lm/wat**

T_J (°C) **65 °C** **85 °C** **100 °C**

luminaire output @ 25 °C **9.377 lm - 10.617 lm**

LED working @ **35% [700 mA]**

input voltage **PowerBox 100 [96VDC]**

LED driver **Inventronics LED driver in PowerBox**

LED driver efficiency **93,0%**

power factor @ full power **99%**

colour temperature **4000 K**

CRI **> 70**

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

radio dimming **standard in PowerBox**

PIR sensor **not available**

operating temperature **-30 °C to +80 °C**

mounting height **8 m to 40 m**

lamp lifespan **L70@70.000 hrs@80°C**

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 **IP66 connector**

cooling surface **0,62 m2**

IP rating **IP65**

IK code **IK08**

protection class IEC **class I**

rough service mark **YES**

lamp dimensions **A/B/C = 325/315/130 mm**

lamp weight **6,2 kg**

packaging dimensions **A/B/C = 425/320/150 mm**

packaging weight **5,7 kg**



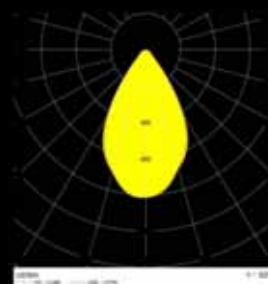
Photometric curves



N NARROW(30°)



W WIDE(49°)



WW VERYWIDE(64°)



WWW VERYVERYWIDE(104°)

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Lamp version	optics	lm output	efficiency
65W beLine 70AHV [FR] - 32OGWN470-00FREE00-300A1	NO OPTICS	10.617 lm	163 lm/wat
65W beLine 70AHV [N] - 32OGWN470-00C13233-300A1	N (NARROW)	9.479 lm	146 lm/wat
65W beLine 70AHV [W] - 32OGWN470-00C14605-300A1	W (WIDE)	9.580 lm	147 lm/wat
65W beLine 70AHV [WW] - 32OGWN470-00C14606-300A1	WW (VERYWIDE)	9.377 lm	144 lm/wat
65W beLine 70AHV [WWW] - 32OGWN470-00C14724-300A1	WWW (VERYVERYWIDE)	9.580 lm	147 lm/wat

PowerBox connection

All beLine70AHV lamps are only available with the PowerBox unit.

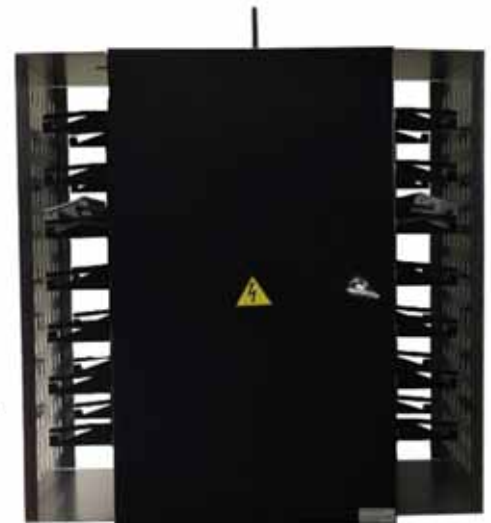
All beLine70AHV lamps have no LED driver inside the lamp due to HIGH temperatures they can be used on.

All beLine70AHV lamps can not be plugged to a standard 100VAC or 230VAC system but on PowerBox DC system.

The cable from PowerBox unit to beLine 70AHV lamp has to be 2x1,5mm² to prevent major voltage loses on cables.

beLine 70AHV lams can be installed up to 100 m from the POERBOX unit under DC current.

For technical details and installation note please refere to PowerBox datasheet.



Mounting kit options



Reflector MC



Wall MC



Low ceiling MC



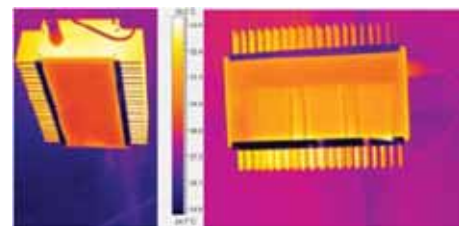
Steel chain



Wire hanging kit

Heat sink design

Unique linear design with vertical ribs allows the LEDs to have an optimal heat dissipation without a worry of them overheating. Side vertical ribs allow the dust to fall off the lamp and prevent accumulation of dust on the vital parts of the lamp.



Certificates and protection