VALOYA

BX180 FR

Far Red LED Lighting

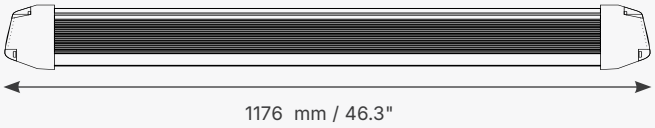
The BX-Series are high intensity, robust LED bars designed for growth chambers and multi-tier cultivation. They come in slim, light, humidity and impact resistant bar shaped luminaires.

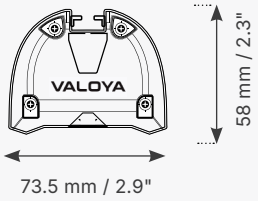
The BX-Series is completely dust-tight and waterproof (IP67, UL wet location).

- Up to 714 µmol/s per bar
- IP67 - dust and humidity resistant (wet location rated)
- Dimmable, control system-compatible and easy-to-install

Spectrum	UV %	B %	G %	R %	FR %	PAR %	CCT	CRI	B:G	B:R	R:FR	Rs:FRs
Far Red	0	0	0	8.8	91.2	9.5	1001	15.6	0	1.4	0.1	0

Typical values presented in the tables. Rs:FRs (Sellaro et. al. 2010)

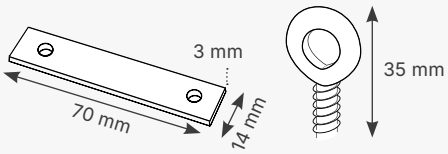




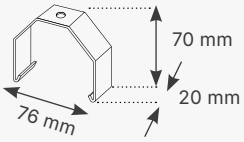
ACCESSORIES

HANGERS

Standard (included)



Optional (by order)



Input voltage nominal (VAC)	100 - 277
Input current @230V (A)	0.45 - 1.25
Dimming (V)	1-10 (PWM)
IP	67 (wet location)
Frequency (Hz)	50 / 60
Power factor	> 0,95

Box weight (kg/lb)	13 / 28.7
Box length (mm/in)	1750 / 68.9
Box width (mm/in)	260 / 10.2
Box height (mm/in)	75 / 3
Pieces per package	2
AC mains plug fitted	No (Field installable connector)

Spectrum	**Far Red**
Efficacy (µmol/J)	3,4
Light output (µmol/s)	714
Power (W)	199
Light intensity decay (hrs)	Q90 45 000

Recommended distance from plants (m/in-ft)	0,1 - 4 / 3.9 - 13.1
Cooling	Passive
Ambient operating temp. (°C/°F)	-10...+40 / 14...+104
Minimum cable bending radius	5x cable diameter
Certification and approvals	CE, RoHS, EMC, Low Voltage Directive, Eco-design (EuP)

Min. distance to combustible surfaces (m/in)	0,1 / 3.9
Storage temperature (°C/°F)	-10...+40 / 14...+104
Maximum relative humidity (%)	90 (non-condensing)
Photobiology safety classif.	Risk Group 1
Warranty	Up to 5 years limited. More at valoya.com/warranty

Valoya reserves the right to change the data without notice.