VALOYA

BX180

Versatile LED Bars

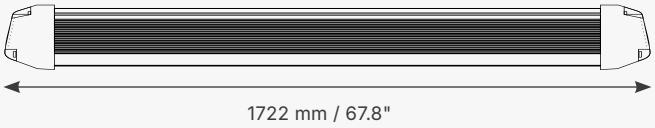
The BX-Series are high intensity, robust LED bars designed for growth chambers and multi-tier cultivation. They come in slim, light, humidity and impact resistant bar shaped luminaires.

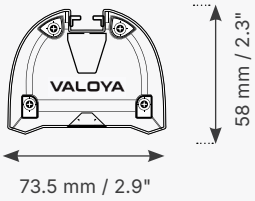
The BX-Series is completely dust-tight and waterproof (IP67, UL wet location).

- Up to 535 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
AP67	0	12	16	57	15	85	2500	70	0.8	0.2	3.7	3.3
AP673L	0	10	19	63	8	91	2000	60	0.6	0.2	7.9	5.5
NS1	1	21	36	38	4	95	4800	90	0.6	0.6	9.1	7.3
Solray385	2	19	36	40	3	95	4500	95	0.5	0.5	12.9	13

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

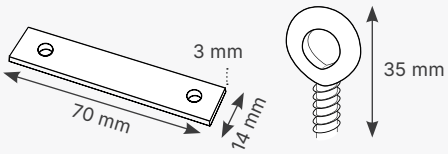




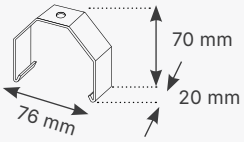
ACCESSORIES

HANGERS

Standard (included)



Optional (by order)



Input voltage nominal (VAC)	100 - 277
Input current @230V (A)	0.9
Dimming (V)	0 -10 (PWM)
IP	67 (wet location)
Frequency (Hz)	50 / 60
Power factor	> 0,93

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	AP67	AP673L	NS1	Solray385
Efficacy (µmol/J)	2,2	2,1	2,0	2,6
Light output (µmol/s)	430	420	375	535
Power (W)	200	200	190	204
Light intensity decay (hrs)	Q90 36 000			

Recommended distance from plants (m/in-ft)	0,1 - 4 / 4 - 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.