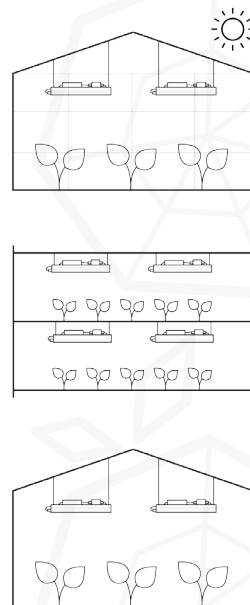
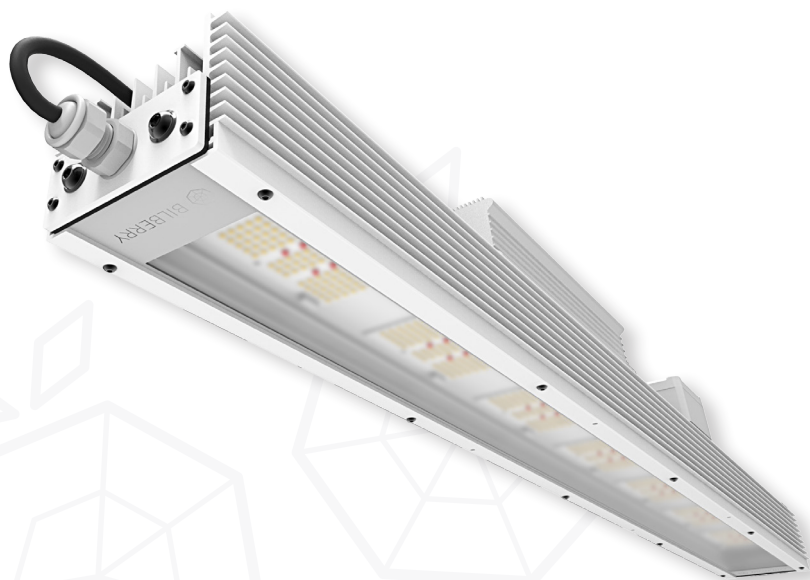




_HORTI GROW LIGHT SERIES



MECHANICAL DATA

Casing: extruded aluminium profile, powder coated

Glass: tempered Optiwhite™ glass

ELECTRICAL DATA

Supply voltage: 230/400 VAC 50 Hz

Power factor: 0,95

Electrical connection: provided separately, by agreement (cable / connector)

Appliance class: I

OPTICAL DATA

Light distribution: axially symmetrical

Lighting angle: 120°

Dimming option: can be controlled via an app (license required)

Light sources: SMD by Samsung, Osram and Seoul

GENERAL DATA

Ingress protection: IP65

Warranty: 5 years

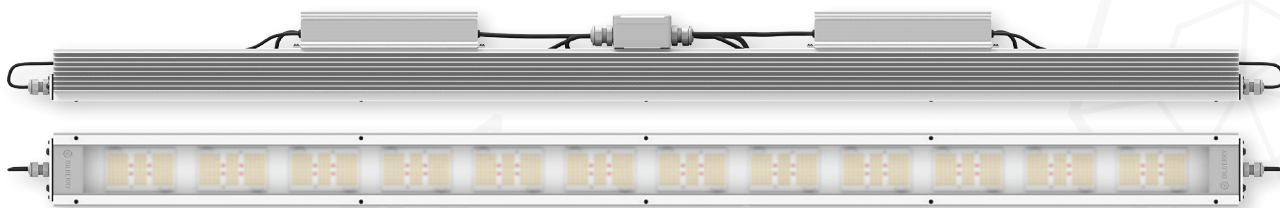
Application: greenhouse lighting / indoor lighting

Working temperature: -40...+60°C

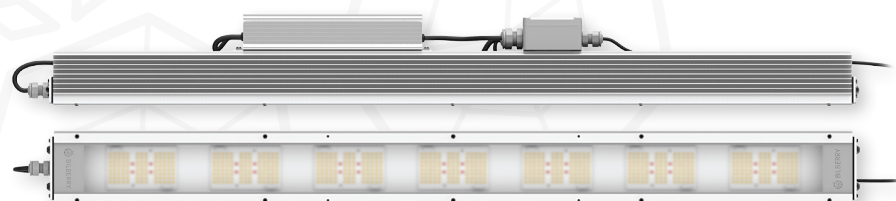


POWER OF HORTI LIGHTS









HIGH POWER 600 W



STANDARD 340 W



LED SPECTRUM VARIANTS

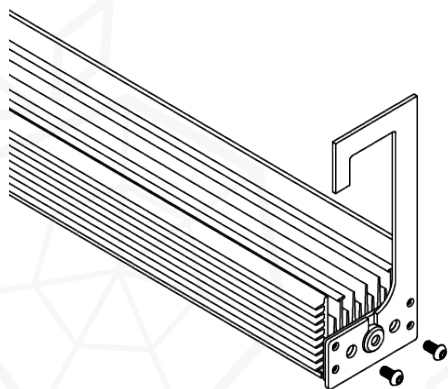
			Universal™ (B1)	Indoor Tomato™ (B1P1)	Greenhouse Tomato™ (B1P3)	Powerful Red™ (B1P4)	Massive Roses™ (BC1)
	UV	<400 nm	0%	0%	0%	0%	0%
	BLUE	400-500 nm	21,4%	16,3%	7,7%	6%	20%
	GREEN	500-600 nm	35,8%	33,3%	16%	13,1%	28,9%
	RED	600-700 nm	37%	44,5%	73,3%	76%	46,4%
	FAR-RED	700-800 nm	5,8%	6%	3%	4,9%	4,7%
	B:G Ratio		0,6	0,49	0,48	0,45	0,7
	R:FR Ratio		6,4	7,42	24,05	15,52	9,9
	R:B Ratio		0,6	0,37	0,1	0,07	0,4



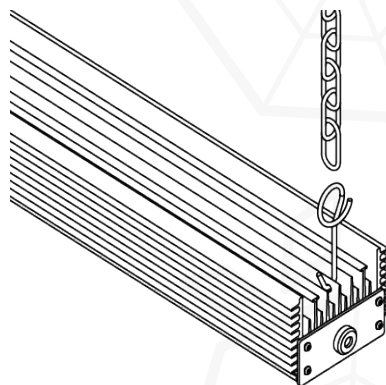
TYPES OF HORTI LIGHTS

No.	Code	Power [W]	Spectrum	Light flux [$\mu\text{mol/s}$]	Supply voltage [V]	Size [cm]	Weight [kg]
1.	HORTI.H.B1.LV.0.W	600	B1	1030	230	1500 x 110 x 97	11
2.	HORTI.H.B1.HV.0.W	600	B1	1030	400	1500 x 110 x 97	11
3.	HORTI.H.BC1.LV.0.W	600	BC1	983	230	1500 x 110 x 97	11
4.	HORTI.H.BC1.HV.0.W	600	BC1	983	400	1500 x 110 x 97	11
5.	HORTI.H.B1P1.LV.0.W	600	B1P1	1066	230	1500 x 110 x 97	11
6.	HORTI.H.B1P1.HV.0.W	600	B1P1	1066	400	1500 x 110 x 97	11
7.	HORTI.H.B1P3.LV.0.W	600	B1P3	1175	230	1500 x 110 x 97	11
8.	HORTI.H.B1P3.HV.0.W	600	B1P3	1175	400	1500 x 110 x 97	11
9.	HORTI.H.B1P4.LV.0.W	600	B1P4	1230	230	1500 x 110 x 97	11
10.	HORTI.H.B1P4.HV.0.W	600	B1P4	1230	400	1500 x 110 x 97	11
11.	HORTI.S.B1.LV.0.W	340	B1	582	230	1000 x 110 x 97	7
12.	HORTI.S.B1.HV.0.W	340	B1	582	400	1000 x 110 x 97	7
13.	HORTI.S.BC1.LV.0.W	340	BC1	559	230	1000 x 110 x 97	7
14.	HORTI.S.BC1.HV.0.W	340	BC1	559	400	1000 x 110 x 97	7
15.	HORTI.S.B1P1.LV.0.W	340	B1P1	599	230	1000 x 110 x 97	7
16.	HORTI.S.B1P1.HV.0.W	340	B1P1	599	400	1000 x 110 x 97	7
17.	HORTI.S.B1P3.LV.0.W	340	B1P3	667	230	1000 x 110 x 97	7
18.	HORTI.S.B1P3.HV.0.W	340	B1P3	667	400	1000 x 110 x 97	7
19.	HORTI.S.B1P4.LV.0.W	340	B1P4	680	230	1000 x 110 x 97	7
20.	HORTI.S.B1P4.HV.0.W	340	B1P4	680	400	1000 x 110 x 97	7

INSTALLATION



hooks fitting typical greenhouse C-profile 40 x 40 mm



metal clips for hanging on a chain or slings