

Datasheet



Horti SL HW version 3

PN: 2.02.13.00

Mechanical	
Length profile	L=1000mm x W=112mm x H=70mm
Weight	5500 grams
Material	Glass, white coated alu, PVC
Potting	Not applicable
Cable	1,5 meter 3g1mm ² + 2x0,75H05RN
IP Protection	Equal to IP67, end caps are closed
Cooling	Smooth surface on air, forced by fan or by patented water cooling
Installing	Click-profile
Electrical	
Voltage	230Vdc
Power consumption	Max 300W
Dim-protocol	1-10V both colors simultaneous
LED driving mode	2x high voltage constant current
Ageing adaptive	Not included
Modbus communication	n.a. optional sperate color adjustment, temp checking and installation test.
Broadcast	n.a. optional over channel 248
Light technical	
LED manufacturer	OSRAM Oslon
Light source distribution	2 light areas
LED distribution per light source	104x 660nm, 28x 450nm, 730nm optional
Beam angle LED	120 degrees
Transparant protection material	Ultra clear – tempered glass
Power Factor	>0,96
Efficiency Hyper Red led:	74% in system ± 4,1µmol/W
Efficiency Far red led:	40% in system ± 2,3µmol/W
Efficiency Blue led:	72% in system ± 2,1µmol/W
Flux @ 80% Hyper red:	72 µmol @ 23W consumed power
Flux @ 80% Far red:	59 µmol @ 26W consumed power

Flux @ 80% Blue:	60 μmol @ 28W consumed power
Dimmable	All colors simultaneous

Light spectrum Osram leds

