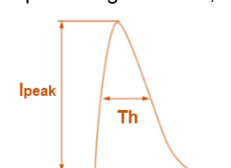


### MECHANICAL SPECIFICATIONS

Parameter	Value	Unit	Remarks
Lighting Unit (LU) Dimensions	475 x 220 x 80	mm	Two (2x) lighting units per system. Each Lighting Unit have standard 2,5 meters cord attached.
LU - Weight	6,25	kg	
LU - Housing Material	Aluminum		
LU - Ingress Protection Rating	IP 66		Applies only with fully assembled and engaged connectors
Driver Unit (DU) Dimensions	355 x 160 x 60		One (1x) driver unit per system.
DU – Weight	2,5	kg	
DU - Housing Material	Aluminum		
DU - Ingress Protection Rating	IP 65		Applies only with fully assembled and engaged connectors
Ambient Temperature	0 – 30°C	°C	
Relative Air Humidity	5 – 85 %	% RH	Non-condensing

### ELECTRICAL SPECIFICATIONS

Parameter	Value	Unit	Remarks
Mains Voltage EU	400	Vac	L-L, 50 – 60 Hz; <i>Recommended: (390Vac – 410Vac)</i>
Power Draw (max.)	1050	W	
Power Factor	0,96		Input voltage 400Vac, at 100% load
Inrush Current (peak)	< 16	A	Input voltage 400Vac, measured at 50% $I_{peak}$ , $T_h = 2,8$ ms 
Surge Transient Protection	2 2	kV	L-N according to IEC 61547 Clause 5.7 L/N-PE according to IEC 61547 Clause 5.7
Fast Transients Protection	4	kV	according to IEC 61000-4-4 Level 4
Leakage Current	< 0,5	mA	RMS, according to IEC61347-1
Protection	Use MCB (Miniature Circuit Breaker) or MMS (Manual Motor Starter)		



### LIGHT SPECIFICATIONS

Parameter	Value	Unit	Remarks
Radiation Angle Option#1	120	degree	
Radiation Angle Option#2	Wide Beam		
Flux with Red/Blue (Low Blue)	up to 3600	µmol/s	(up to 1800 µmol/s per Lighting Unit) - 120° degree LEDs
Tolerance on Flux	+/- 5 %	%	
Tolerance on Spectrum	+/- 1 %	%	By the moment of installation (Time=0)
Efficacy with Red/Blue (Low Blue)	up to 3,5	µmol/J	
Color Spectra	Red / Blue (Low Blue) Red / White (Low Blue) Custom Spectrum*  <i>* Can be tailored on a project-specific basis. Minimum quantities apply.</i>		
Risk Group accr. to IEC 62471	LED Risk Group 2		

### GENERAL REMARKS

This product is a grow-light system intended for overhead illumination of horticultural crops. Any use other than the approved intended use described above, is considered **unintended use**. Hortilux Schröder B.V. cannot be held responsible for possible (consequential) damage caused by improper, incorrect or inadvisable use.

