

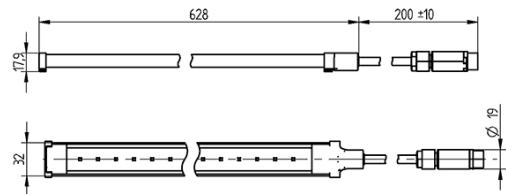


Technology for Light

# LED-Module for Vertical Farming

37.132.3001.00

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## DESCRIPTION

Urban Farming LED-modules for plant cultivation and plant growing in the city  
Range of applications: In shelving systems for plant cultivation and plant breeding farms  
IP 66 rating for use in wet or humid application  
Quick and easy installation  
High efficiency reduces energy costs  
Flat and compact design allows more shelf space and thus a higher yield  
Standard and customised spectrums for optimal growth  
High PPF (Photosynthetic Photon Flux) reduces overall invest  
Optimal thermal management for long life time  
Safety instructions: Before an installation or removal of the LED lamp the power supply has to be switched off. A replacement with power supply might harm the LED lamp and / or the control gear.

Product name:	LED-Module for Vertical Farming
Light Distribution:	120° (FWHM)
LED pitch:	17.5
Mounting method 1:	Snap-in mounting via mounting clip 37.132.-303
Mounting method 2:	Fixing eyelets for cable ties in the end caps
Material:	Cover PMMA
Length:	628 mm
Width:	35 mm
Höhe:	18 mm
Max. admissible voltage:	30 VDC
Operational voltage:	21.2 V
Max. operating current:	2,800 mA
Efficiency:	2.2 µmol/J
LED manufacturer:	Everlight
Number of LEDs per module:	31
Power consumption:	29.6 W
Class application:	IP 66
Max. Temperatur am Tc Punkt:	65° C
Operating temperature:	-30°C to +45°C
Basic spectrum:	red / blue
LED Typ:	3535
Operating mode:	Constant current
Operational current:	1.400 mA
Connection:	Cable with IP 66 plug 2 pole (reverse polarity protection) Wieland RST 1613/2S S1 ZT4 SW
[PPF (Photosynthetic Photon Flux)]:	65.6 µmol/J
Storage temperature:	-30°C to +85°C
Life span:	L90 (B50) 25.000 hours
Color:	Housing: Silver Cover: Clear
Pkg.:	24