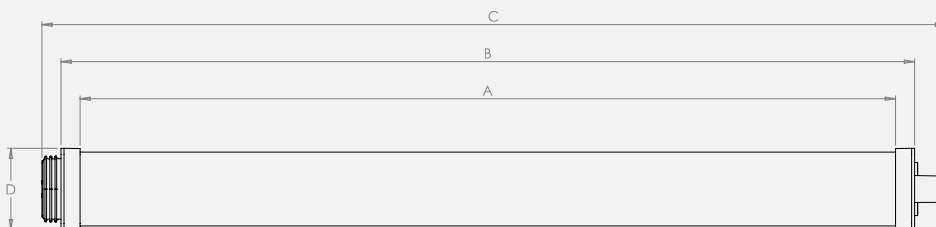
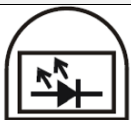


	Document type: Product Technical Specification Sheet		Classification: Internal & External Use		
	Title: LED UV Lamp LED180-500		Document Code: QR 073/1 DATA 161		
			Issue: 7.0	Release:	Date: 23/11/2021

LED UV Lamp: LED180-500



Product Details	
Model Number:	LED180-500
Placement/Application:	Indoors
Market Segment:	Commercial
Product Type:	Insect Light Trap
CE / RoHs / WEEE	Yes
IEC built in LED module	

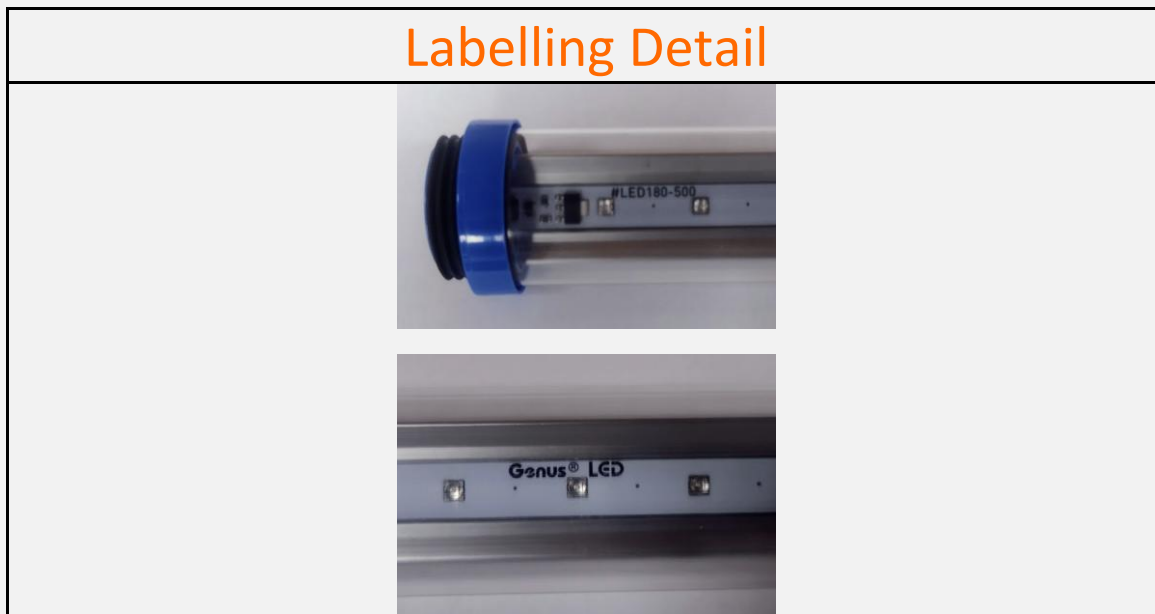
Electrical Specification	
Working Voltage Range (Vdc):	18 to 21
Input current (mA_{dc}):	250
Input Power per strip (watts):	5.3
Number of LED per strip:	18
Accessible Metal Parts: (Contact resistance to earth with 10 amp test current)	N/A (Class II driven device)

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Physical Specification	
Chassis Material:	Aluminium
LED Lamp Connector:	Proprietary
Dim A (mm):	396
Dim B (mm):	415
Dim C (mm):	439
Dim D (mm):	40
Gross Weight (g):	175

Environmental	
Minimum Operating Temperature Ta (°C):	-10
Maximum Operating Temperature Ta (°C):	+40
Maximum LED Temperature Tc (°C):	+85
IP Rating:	65 (When installed in a Pelsis Aqua product)
Hg (%):	0 (Mercury Free)
UV A Life:	26280 hrs (3 years)

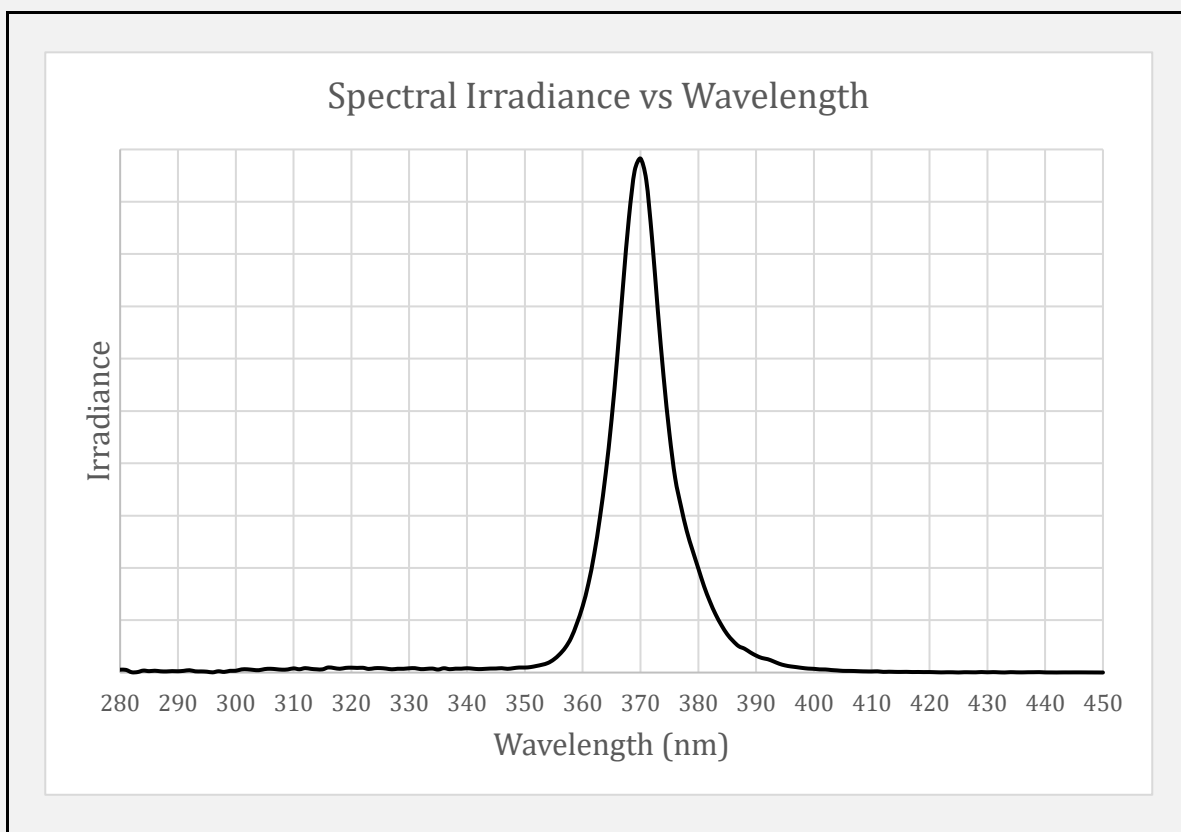
	Document type: Product Technical Specification Sheet		Classification: Internal & External Use		
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			Issue: 7.0	Release:	Date: 23/11/2021



Packaging	
<b style="color: orange;">EAN Barcode:	Twin Pack:  Box of 16: 
<b style="color: orange;">Outer Packaging:	Cardboard

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Radiation Data	
Radiation peak (nm):	370
Colour:	Blacklight
Strip UV-A irradiance @1m (315 to 400nm) (uW/cm ²):	61.4
Strip UV-B irradiance @1m 280 to 315nm (uW/cm ²):	0.74



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Safety Approvals

In unit testing standards

- IEC 60335-1:2020, IEC 60335-2-59:2021, EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021, EN 60335-2-59:2003 + A1:2006 + A2:2009 + A11:2018
- UL 60335-1: Safety of Household and Similar Electrical Appliances
- CSA C22.2 60335-1: Safety of Household and Similar Appliances

Quality

Pelsis Ltd is committed to delivering products and services that meet and exceed customer requirements and expectations by continually developing and improving our processes, products and services; with our commitment to ISO certification standards, statutory and legislative requirements, best practices and our devotion to continuous improvement. Brandenburg reserves the right to make ongoing improvements and to make changes.

Revision History

Date:

21/10/25

Revision:

1