

AQUARAY® Technical Specification

Product Name: GroBeam 1000 ND

Technology: Solid State Lighting - 10 x CREE® X-PE Compact PowerLEDs

Application: Planted and fish only aquariums

Electrical: Mains Supply - 50-60Hz, 100-240VAC, 0.3A
Luminaire Supply - 21.5VDC max, 0.7A
Total Power Consumption - 30W

Usage: 1 unit per 2.5-3ft² (1 unit per 0.2-0.3m²)

FEATURES

Footprint	Compact and space-saving	198 x 198mm
Profile	Ultra slim-line casing	47.5mm high
Casing Construction	Water-proof, ABS and acrylic	Shockproof. IP67
Thermal Management	Passive - no fan required	Profiled aluminium
Mounting	AquaRay MMS compatible	Patented
Power Supply	Separate DC power supply	Max 24VDC
Digital Control*	Timing/dimming	Full function/down to 1%

**with AquaRay Control or PowerControl*

Colour Temperature (CT)	Cool white - Natural Daylight	6500K
Lumen Maintenance	Long, useable lamp life	50,000 hrs/10 yrs
Total Cost of Ownership (5 years)**	Affordable and low running costs	1.5 x purchase cost

***Includes typical purchase price, replacement lamp costs and electricity at £0.10 per Kh assuming 5000 running hours per year*

Presence of Mercury	No mercury present in lamp or fitting	0 mg HG
Carbon Footprint	Low carbon emissions induced by use	65 CO ₂ kg/yr

Advantages

Suitable for use with nano tanks
Suitable for fitting in aquarium hoods
Corrosion proof and impact resistant
Cool running and low heat transfer to water
Flexible mounting and fixing options
Ultra safe and silent operation
Sunrise/sunset/moonlight in one unit

Ideal for plant growth
No need for lamp replacements
Low cost of ownership

Safer for the environment
Less contribution to "greenhouse" gases

	Featured on GroBeam 1000?	Featured on Fluorescent T5/T8?
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