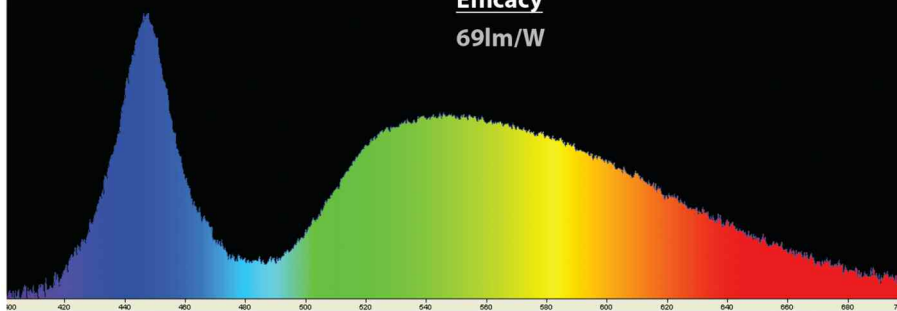


GroBEAM 1500 *Ultima* Solid State Lighting Tile

- Wide-angle beam which allows the light unit to be mounted close to the aquarium surface for optimum and even light distribution
- Can be easily hood mounted using the AquaRay MMS system

Natural Daylight/Natürliches Tageslicht/Luz de día natural/Luz do dia natural/Lumière naturelle du jour/Natuurlijk Daglicht
Luce naturale/Естественный дневной свет

LEDs 10 x Cree® XB-D Natural Daylight	Illuminance at 400mm in air 4430 lux
Beam Angle 120°	Total Luminous Flux 2058 lumens
Correlated Colour Temp. 6500 K	Total Power Consumption (inc.PSU) 30W at 700mA
PAR at 400mm in air 148 µEinsteins/sec/m ²	Efficacy 69lm/W



NATURAL DAYLIGHT

- Uses high quality Natural Daylight Cree® XB-D PowerLEDs specified at 6500K
- Emits over 2000 lumens, for full illumination of the freshwater biotope

*Cree and the Cree logo are registered trademarks of Cree, Inc.

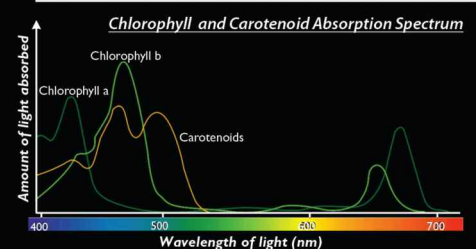
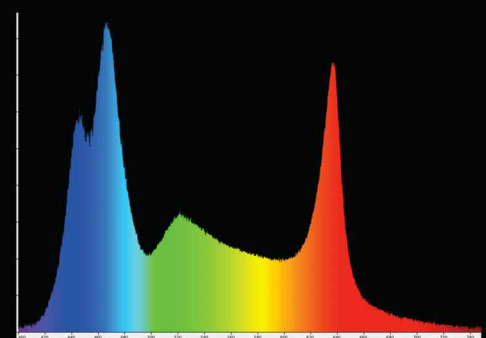


COLOURPLUS

- The colour spectrum of the LEDs in this light unit matches the photosynthetically active spectrum needed for plants to grow and flourish
- Highlights and enhances the colours in your aquarium
- Uses 4 x white Cree® XP-G PowerLEDs and 2 x green, 2 x red and 2 x blue Cree® XP-E PowerLEDs.

COLOURPLUS

LEDs 4 x Cree® XP-G White 2 x Cree® XP-E Blue 2 x Cree® XP-E Red 2 x Cree® XP-E Green
Beam Angle 120°
Correlated Colour Temp. 8893 K
PAR at 400mm in air 129 µEinsteins/sec/m ²
Illuminance at 400mm in air 3750 lux
Total Luminous Flux 2006 lumens
Total Power Consumption (inc.PSU) 26W at 700mA
Efficacy 77 lm/W



All measurements taken in TMC's own test lab with Ocean Optics' USB2000+UV-VIS fibre optic spectrometer and SpectraSuite software