LDDE
LIGHTING IDEAS

PowerTube 312&310 RGB-X

The PowerTube 312&310 RGB-X is a new compact self-contained LED architectural luminaire. It's compact, tube-shaped design allows for lighting and coloring objects with both a uniform projection area and even-lighting distribution.

Both PowerTube 312&310 integrate the latest generation of 3W RGB Full Colour Power LED's from Seoul Semiconductor P5/II. An IP65 rated Housing guarantees performance in all environments and best protection in outdoor areas. Preliminary test results show that in comparison to other products, the new PowerTube 312&310 provides an extremely even light output and more than 30% output.

Vienna: Donaukanal bridge

Vienna: Gasometer opening

- **12pc. (PowerTube312) or 10pc. (PowerTube310) High Power RGB Full Colour 3W LED's**
- **30% higher lumen output using latest generation Soul Semiconductor P5/II**
- **soc®-technology for smooth dimming and flicker free illumination from 0 – 100 %**
- **external power supply (power/data (24VDC/DMX512)**
- **15°, 25° and 40° beam angle and 140° beam angle without optical lens**
- **IP65 rated protection**
- **high efficiency, long lifetime**
- **low power consumption**
- **compact design**
- **silent operation (no fan on board)**

a green product from
AUSTRIA

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licht ist leben

PowerTube 312&310 RGB-X
Technical Specifications

Control:
- protocol: DMX512

Operation:
- 4 DMX channels, 1 master + RGB
- addressed via remote

Photometrics:
- beam angle: 15°, 25°, 40°, resp. 140° without optical lens

Connections:
- 4pole Amphenol (IP65)
- power/data multicore bajonet connector (100-250VAC + DMX512)

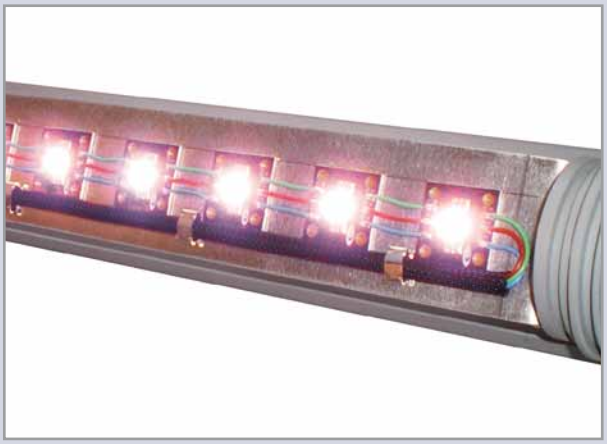
Electrical:
- voltage: 24VDC
- power consumption: 36W/1,5A (310), 45W/1,9A (312)

Construction:
- aluminium/ PMMA
- housing colour: silver/grey (specify RAL colours on request)

Dimensions:
- PowerTube310: 1023 x 62 mm (L x ∅) , 40.28 x 2.44 inch (L x ∅)
- PowerTube312: 668 x 62 mm (L x ∅), 26.69 x 2.71 inch (L x ∅)
- weight: ca. 2kg/4.4lbs (PowerTube310), 2,4kg/4.85lbs (Powertube 312)

side view

side view with condensor element



Seitenansicht mit Kondensor-Element

front view with optical elements

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