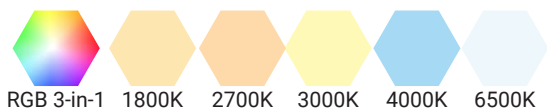




# AQUA PIXY



## Color Temperature



## Controls

DMX RDM

## Main Application



Outdoors

## Other Exteriors



Residential Spaces



Commercial Environments



Offices



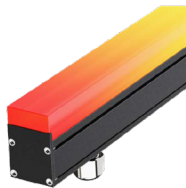
Architectural & Specialty Design



Hospitality



Healthcare Facilities



## FEATURES

Aqua Pixy is an outdoor IP66 rated, pixel controllable, direct view pixel bar fits into any wall, facade or media lighting application with tight installation requirement. The acrylic diffusion offer precise colour mixing for optimal uniformity and diverted enough to be looked at directly without strain to the eyes.

## ACCESSORIES

### LEAD-IN & JUMPER CABLES



| Length (mm) | Application                   | Cable End |           | Conductor Size          |
|-------------|-------------------------------|-----------|-----------|-------------------------|
| 300         | Power Lead (use with T-joint) | Female    | Bare Wire | 2 x 0.75mm <sup>2</sup> |
| 2000        |                               |           |           |                         |
| 6000        |                               |           |           |                         |



| Length (mm) | Application                  | Cable End |           | Conductor Size          |
|-------------|------------------------------|-----------|-----------|-------------------------|
| 300         | Data Lead (use with T-joint) | Female    | Bare Wire | 3 x 0.75mm <sup>2</sup> |
| 600         |                              |           |           |                         |
| 1800        |                              |           |           |                         |

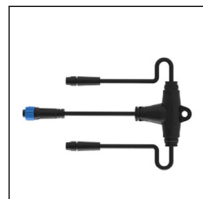


| Length (mm) | Application                  | Cable End |           | Conductor Size                                   |
|-------------|------------------------------|-----------|-----------|--------------------------------------------------|
| 300         | Power and Data Combined Lead | Female    | Bare Wire | 2 x 0.75mm <sup>2</sup> + 3 X 0.3mm <sup>2</sup> |
| 2000        |                              |           |           |                                                  |
| 6000        |                              |           |           |                                                  |



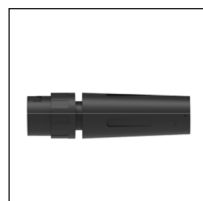
| Length (mm) | Application                       | Cable End |      | Conductor Size                                   |
|-------------|-----------------------------------|-----------|------|--------------------------------------------------|
| 300         | Power and Data Combined Extension | Female    | Male | 2 x 0.75mm <sup>2</sup> + 3 X 0.3mm <sup>2</sup> |
| 600         |                                   |           |      |                                                  |
| 1800        |                                   |           |      |                                                  |

### T-JOINTS



| Application     | Description                                                                                     |
|-----------------|-------------------------------------------------------------------------------------------------|
| Leading T-Joint | Combines the DC power (2 pin male end), signal (3 pin male end) into a 5 pin female leading end |

### DMX TERMINATOR



## SUMMARY

### FEATURES

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| Color Temperature | RGB 3-in-1 with W in 1800K, 2700K, 3000K, 4000K, 6500K |
| Length            | 250mm, 500mm, 1000mm                                   |
| Dimming           | RDM/ DMX (auto-addressing)                             |
| IP Rate           | IP66                                                   |

### MECHANICAL

|                   |                                                                 |
|-------------------|-----------------------------------------------------------------|
| Housing Material  | Extruded aluminium alloy                                        |
| Diffused Options  | Square Acrylic Diffusion (110°x170°)<br>Clear Cover (110°x100°) |
| Surface Finishing | Powder coating available in Black (RAL 9011), Grey (RAL 9006)   |

### LUMINAIRE PERFORMANCE

|                   |                                           |
|-------------------|-------------------------------------------|
| Lumen Maintenance | L70 50,000hrs                             |
| Deliver Output    | >200 lumen per foot (all channels are on) |

### ELECTRICAL

|                   |                                      |
|-------------------|--------------------------------------|
| Voltage           | 15-24VDC (Wide Voltage)              |
| Power Consumption | 3W (250mm), 6W (500mm), 12W (1000mm) |

### SYSTEM

The core in the power and data cable are colored according to the following table

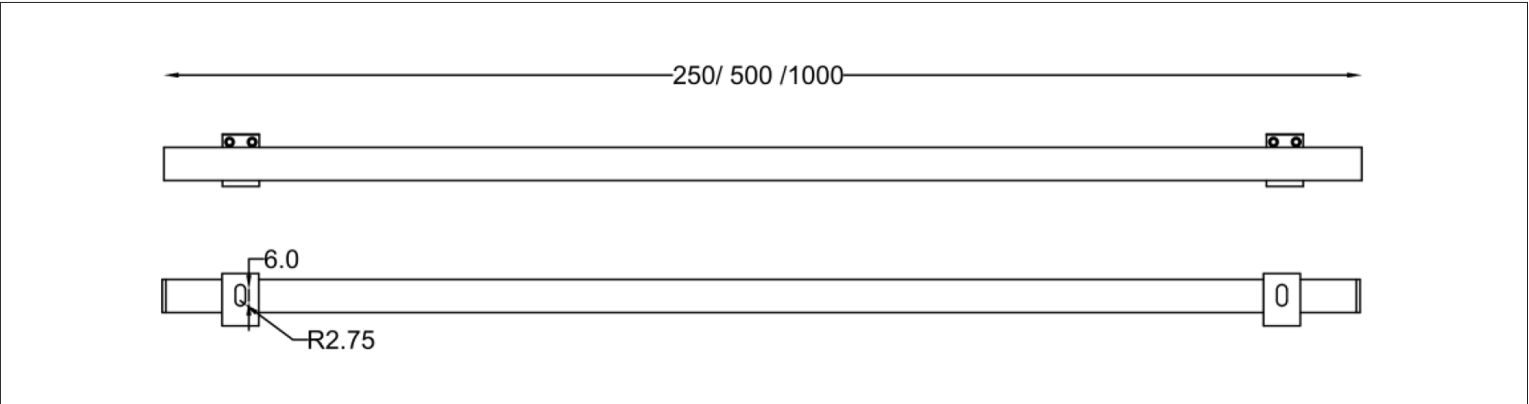
| Cable                                               | Function | Core         | Wire Size           |
|-----------------------------------------------------|----------|--------------|---------------------|
| Power lead in / Power extension Cable               | DC+      | Red          | 0.75mm <sup>2</sup> |
|                                                     | DC-      | Black        | 0.75mm <sup>2</sup> |
| Data lead in                                        | DMX+     | Brown        | 0.75mm <sup>2</sup> |
|                                                     | DMX-     | Blue         | 0.75mm <sup>2</sup> |
|                                                     | DMX GND  | Yellow/Green | 0.75mm <sup>2</sup> |
| Power and Data lead in / Power data extension cable | DC+      | Red          | 0.75mm <sup>2</sup> |
|                                                     | DC-      | Black        | 0.75mm <sup>2</sup> |
|                                                     | DMX+     | Green        | 0.3mm <sup>2</sup>  |
|                                                     | DMX-     | Blue         | 0.3mm <sup>2</sup>  |
|                                                     | DMX GND  | Yellow       | 0.3mm <sup>2</sup>  |

### DIMMING PROTOCOL



DMXcat™ system is designed by the lighting professional who is involved with the planning, installation, operation, or maintenance of theatrical and studio lighting equipment. The system consists of a small hardware interface device and a suite of mobile applications.

**MOUNTING PATTERN**



**DIFFUSED OPTIONS**



**Square Acrylic Diffusion**  
(110°x 170°)



**Clear Cover**  
(110°x 100°)