FULL PRODUCTION

TREETOP ADVENTURE GOLF

Mini golf, big adventure

# TREETOP ADVENTURE GOLF MANCHESTER PRINTWORKS

## SHOP FRONT TECHNICAL TREATMENT BY FULL PRODUCTION

# GENERAL AREAS

RGB Digital festoon hidden amongst foliage giving colour-changing “firefly” effect.

“Flaming” LED torches held within sconce head. Lamps will be similar spec to TTAG Birmingham but IP Rated for outdoor use.

Internally lit signage (provided by others?) to have additional data for possible future expansion / conversion to digital




Outdoor RGB fixture uplighting foliage from beneath. Fixtures to be placed behind front lip so as to mask from view.

8w RGBWW LED Downlighter fitted into base of sconce. Fixtures will be similar spec to TTAG Birmingham, but IP rated for outdoor use.

Outdoor rated screen / outdoor screen enclosure displaying digital signage.

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## NOTES

Prepared by Steve Richardson.

Drawing is not a construction drawing and is purely for illustrative purposes.

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**PROJECT NAME AND ADDRESS**
Treetop Adventure Golf
Printworks
Manchester

**PROJECT**
Manchester Shopfront
Technical Treatment

**SHEET**
TTAG/MAN/SF/1

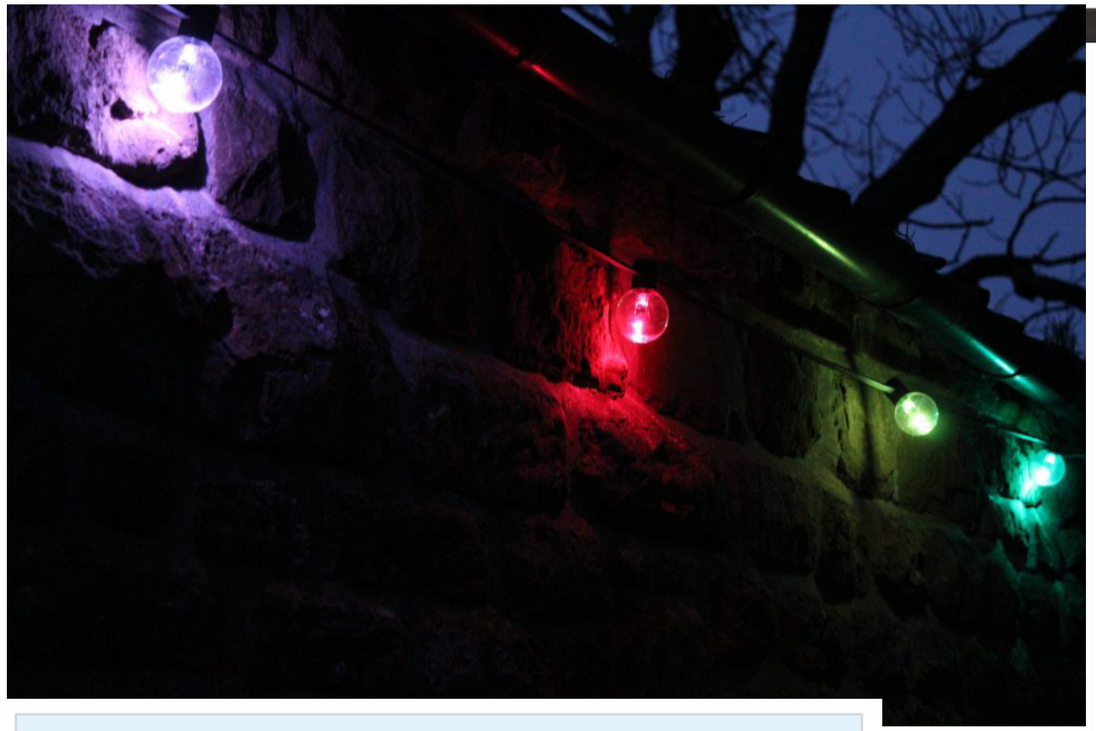
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# TECHNICAL SPECIFICATIONS

RGB Digital festoon.






| Product Details | |
|---|---|
| Supply | 24v DC |
| Light Source | Lumisphere RGB unit (3 chip) |
| Env. Prot | IP68 |
| Conformity | BS EN 60958 CE Lampholder/Cable UL Listed |
| Average Life | 50,000hrs |

| Product Options | |
|---|---|
| Globes | G type or A type |
| Globe Colours | Clear, Frosted, White (G Type only) |
| Lampholder/Cable Colour | Black or White |

Estimated lux level: 80 Lumens output with clear globe

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“Flaming” LED Sconces






| | |
|---|---|
| Name | Flame lights |
| Chip | 2835SMD chips |
| Chip Quantity | 99 LEDS |
| Power | 9W |
| Base Type | E27 |
| Voltage | AC 85-265V |
| Mode | 4 modes |



Estimated lux level: negligible - this unit is designed for ‘eye candy’ effect rather than functional illumination

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RGB LED Downlighter

Product shown is only for guide puposes. Actual product will be IP rated for outdoor use which may affect output/ performance.



| Model Number | 100.546 | 100.547 | | 100.546 | 100.547 |
|---|---|---|---|---|---|
| **Colour** | RGB +CW 6000K | RGB+WW 3000K | **Operation** | -20°C ~ +40°C | -20°C ~ +40°C |
| **Lumens** | R: 60, G: 90, | R: 60, G: 90, | **CRI Rating** | CRI 80 | CRI 80 |
| | B: 35, CW: 150 | B: 35, WW: 120 | **LED QTY** | 1 x 8w Quad colour Epistar LED | |
| **Output Power** | 8w | 8w | **Base Type** | Tails | Tails |
| **Input Voltage** | 24w | 24w | | | |
| **IP Rating** | IP20 | IP20 | | | |
| **Warranty** | 3 Years | 3 Years | | | |
| **Beam Angle** | 60° | 60° | | | |
| **Cutout** | 55mm | 55mm | | | |
| **Head Tiltable** | 60° | 60° | | | |
| **Size** | 68° x H55mm | 68° x H55mm | | | |
| **Dimmable** | Yes | Yes | | | |
| **Lifetime** | 30,000 hrs | 30,000 hrs | | | |
| **Certification** | CE, ROHS, FCC | CE, ROHS, FCC | | | |



Estimated lux level: 250 lumen

**Please Note: E&OE**

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Foliage Lighting

## Standard Product Versions






## Key Features

Low profile, high output, wide range of optics, easy to connect, IP67

Lumen Output & Light Source (version 1/2/3/4)
Max. 1147/2294/3441/4588 lm
12/24/36/48 x Single Chip

Projected Lumen Maintenance
60,000 hrs (L70@25ºC)

Power Consumption (version 1/2/3/4)
Typ. 25/45/65/85W

Physical (max HxWxL version 1/2/3/4)
107 x 76 x 329/629/929/1229mm - 2.5/4.2/5.9/7.7kg
3.6 x 3.0 x 13.0/24.8/36.6/48.4in. - 5.5/9.25/13/16lbs
Aluminium Body, Tempered Glass

| | | | | |
|---|---|---|---|---|
| **Width x Height x Length** | **Eminere 1** | | 76 x 107 x 329 mm (2.99 x 3.58 x 12.95 in.) | |
| | **Eminere 2** | | 76 x 107 x 629 mm (2.99 x 3.58 x 24.76 in.) | |
| | **Eminere 3** | | 76 x 107 x 929 mm (2.99 x 3.58 x 36.57 in.) | |
| | **Eminere 4** | | 76 x 107 x 1229 mm (2.99 x 3.58 x 48.38 in.) | |
| **Weight** | 2.5 kg \| 5.5 lbs | 4.0 kg \| 8.82 lbs | 6.02 kg \| 13.27 lbs | 7.7 kg \| 17.0 lbs |
| **Housing** | High Pressure Extruded Aluminium Body \| End Caps - Die-Cast Aluminium \| Tempered Glass | | | |
| **Finish Options** | Standard Colour | | Graphite Black (RAL 9011) \| Silver (RAL 9006) | |
| | Cost Option | | Custom RAL \| Harsh Environment (RAL 9016, RAL 9011) | |
| **Cables / Connections** | IP67 Hybrid Connection (Power + Data) | | | |
| **Mounting Method** | Surface Mount With Different Type of Brackets | | | |
| **Adjustability** | +/- 95° | | | |
| **Protection Factor** | IP67 / Suitable For Wet Locations | | | |
| **IK Rating** | IK06 | | | |
| **Cooling System** | Convection | | | |
| **Operating Ambient Temperature** | -20 °C / +40 °C (-4 °F / +104 °F) | | | |
| **Operating Temperature** | +67 °C @ Ambient +40 °C (+153 °F @ Ambient +104 °F) | | | |
| **Listings** | ETL / cETL, CE, RoHS | | | |

Estimated lux level: 3000 lumen

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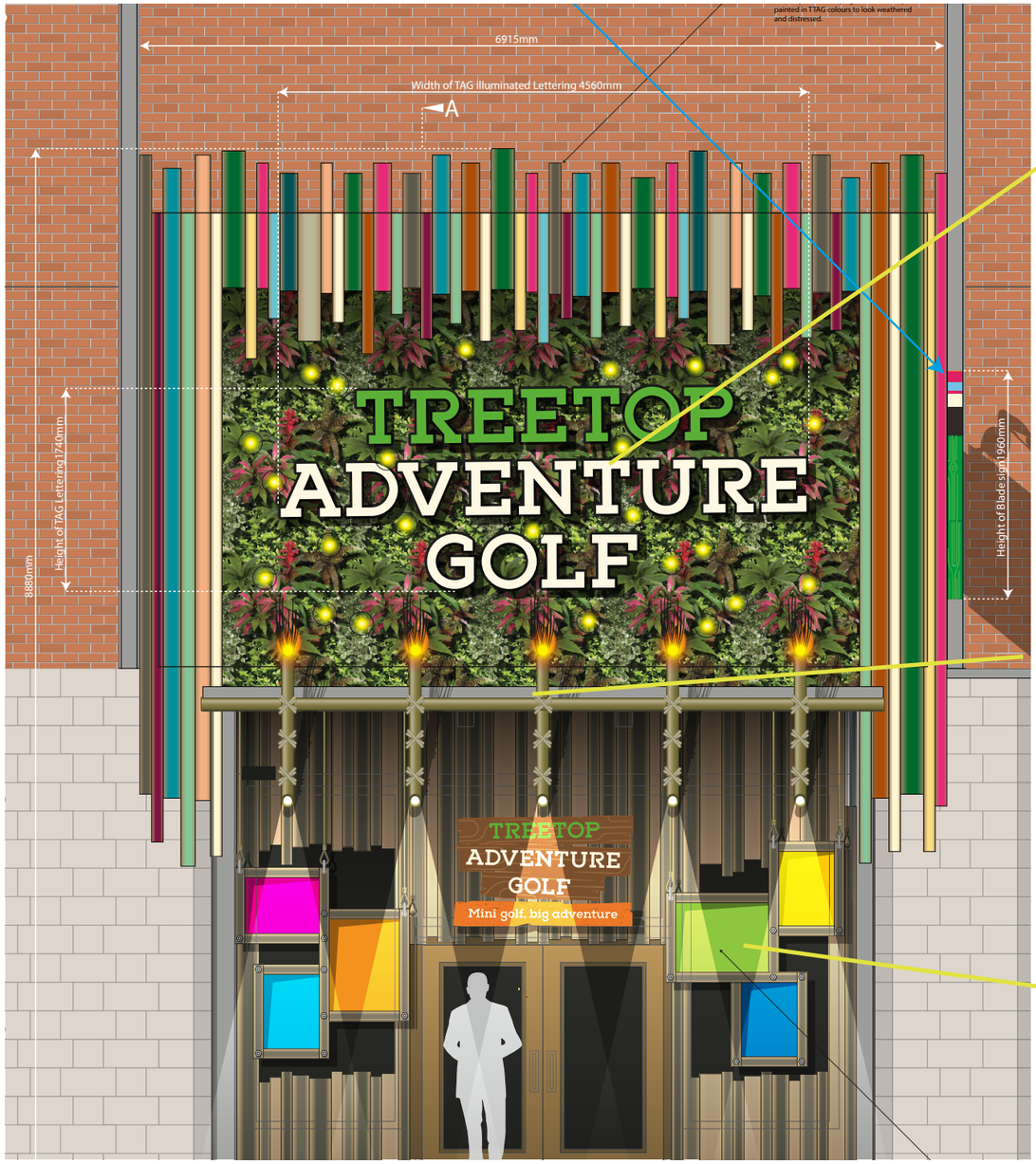
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# POWER AND DATA REQUIREMENTS

Rough DATA and Power requirements.
Illustrative only. A more exact plan to be produced once design agreed and costed




2 x CAT6
2 x 230/240v mains
for LED digital festoon and signage

2 x CAT6
3 x 230/240v mains
behind trough/foliage
for flaming sconces, LED downlighters and LED uplights

2 x CAT6
1 x 230/240v mains
behind each panel
(allowing for future expansion)

(6 panels in total)

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