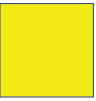


FULL  PRODUCTION



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 scone 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 scone. Fixtures will be similar spec to TTAG Birmingham, but IP rated for outdoor use.

Outdoor rated screen / outdoor screen enclosure displaying digital signage.

NOTES

Prepared by Steve Richardson.

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

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NO.	REVISION / ISSUE	DATE

PROJECT NAME AND ADDRESS

Treetop Adventure Golf
Printworks
Manchester

PROJECT
Manchester Shopfront
Technical Treatment

DATE
21/01/2022

SCALE
NTS

SHEET
TTAG/MAN/SF/1

Shopfront

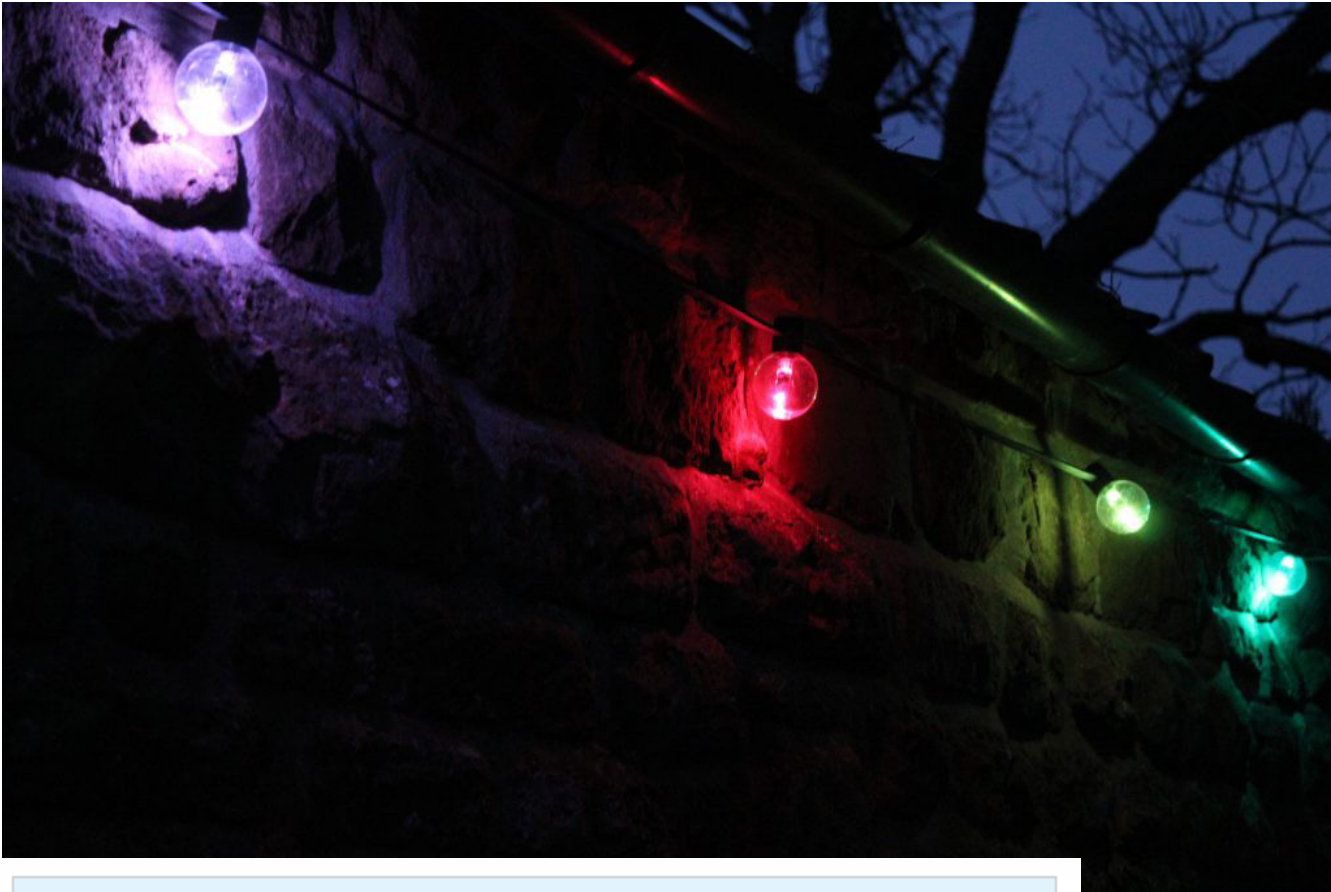
TECHNICAL SPECIFICATIONS

RGB Digital festoon.

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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

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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
Lumens	R: 60, G: 90, B: 35, CW: 150	R: 60, G: 90, B: 35, WW: 120	CRI Rating	CRI 80
Output Power	8w	8w	LED QTY	1 x 8w Quad colour Epistar LED
Input Voltage	24w	24w	Base Type	Tails
IP Rating	IP20	IP20		
Warranty	3 Years	3 Years		
Beam Angle	60°	60°		
Cutout	55mm	55mm		
Head Tilttable	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

FULL PRODUCTION

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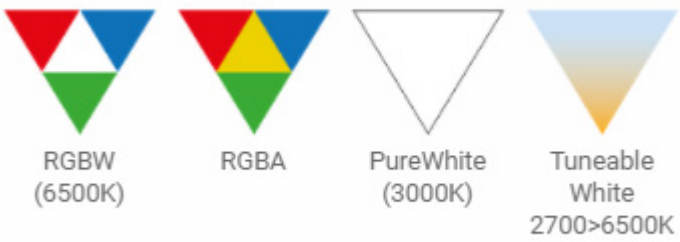
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Foliage Lighting

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@25°C)

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

FULL PRODUCTION

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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

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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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