



**RITELITE**  
(SYSTEMS) LTD

DATA SHEET

# PROLINK BEAM CONTROL

PROLINK BEAM CONTROL is the next generation of LED Track Lighting



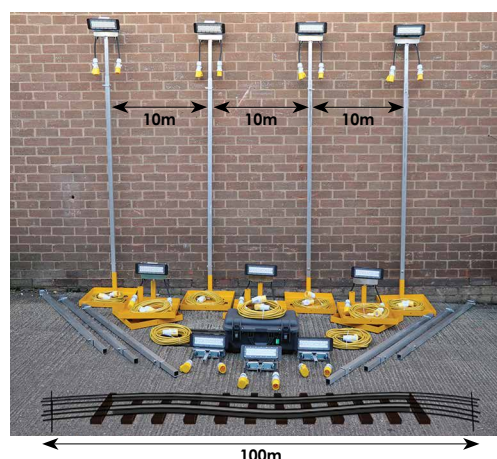
## FEATURES

- The PROLINK Beam Control is an ultra efficient LED linkable track light compatible with generators and batteries
- Low Power consumption allows products to be powered from Battery Packs (11 or 33hr duration) - Silent / No Fumes / No Fuel / No Maintenance
- Requires 4.8 times less power than Fluorescent products and half the power of Standard LED track lighting
- Minimised Light Pollution from Bespoke Optics and Beam Control
- Smaller and less weight than other track lighting - avoids issues with weight limits on vehicles
- Lower Carbon Footprint in use and supply chain
- Rugged and maintenance free
- Fully compatible with existing 110-240V AC generator lighting systems and deployment methods



## Day Kit (11hrs) for 100m of Track Contains

- 10x PROLINK Beam Control lights
- 10x Aluminium 3m masts
- 10x Ballast bases
- 10x Daisychain cables
- 1x Rechargeable battery pack complete



## PROLINK Beam Control Vs Fluorescent Alternative

	WIDTH (MM)	HEIGHT (MM)	LENGTH (MM)	WEIGHT (KG)	LUX AVERAGE	LUX MIN
PROLINK Beam Control	120	55	190	1.5	37.3	21
Fluorescent Alternative	280	140	610	3.2	14.4	5.8
PROLINK Beam Control Is	20 times smaller in volume			½ the weight	80% better light average	265% increase in min light level



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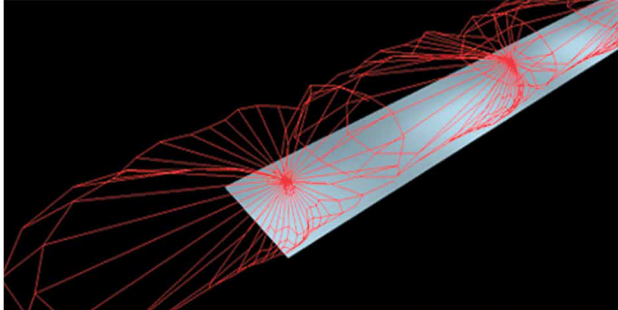


## EFFECT OF CONTROLLING THE LIGHT LEVELS & BEAM PATTERNS

Based on a 100m x 4m width track with 3m masts spaced 10m apart

### PROLINK Beam Control

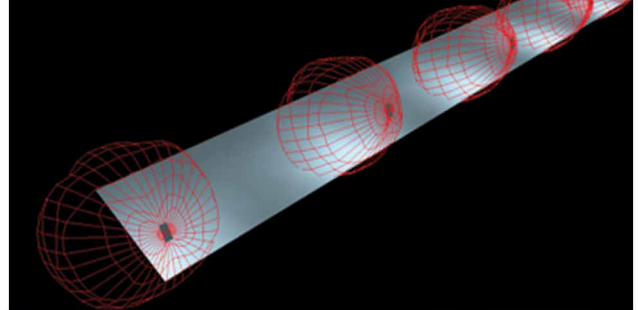
Full even coverage between lights



Even light uniformity across work area.  
No area falls below 20 lux.

### Competitor LED Product

Uneven coverage between lights



Uneven light uniformity across work area.  
There are areas falling below 20 lux between lights.

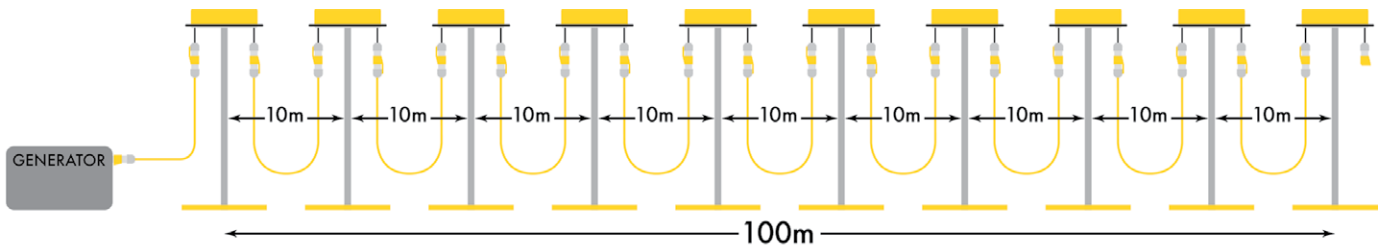
**PROLINK Beam Control is designed to work with battery powered generators and petrol/diesel generators**

### Battery Vs Petrol Generator - Comparative Running Costs

100M of lighting for 11hrs powered by a petrol generator £22.00 at a fuel cost of £1.60 per litre **VS** 100M of lighting for 11hrs powered by a 1750wh Battery Generator £0.56 (re-charge cost after 11 hour discharge)

### Typical Installation

Average lux - Approx 34 lux



## RITE-POWER

PORTABLE BATTERY POWERED GENERATORS

Regularly used with the PROLINK Beam Control Floodlights



**1x RITE-POWER 1750 Battery Generator**  
will power 10x PROLINK Beam Control  
Floodlights over 100M for up to  
11 hours



**1x RITE-POWER 1750x2 Battery Generator**  
will power 10x PROLINK Beam Control  
Floodlights over 100M for up to  
22 hours



**1x RITE-POWER 3500 Battery Generator**  
will power 20x PROLINK Beam Control  
Floodlights over 200M for up to  
12 hours

 **DESIGNED AND MADE IN  
GREAT BRITAIN**