



New Member to the Link N
Light Family



Link N Light DELINEATE

Link N Light DELINEATE is the first Extra Low Voltage String light that can be extended over hundreds of metres up to 600m.

As its name suggests it can be used to delineate roadways, hazards and even be used as a visual barricade.

It can be used for Mining, Industrial, Infrastructure, Commercial, Military and Agricultural use.

What is Link N Light DELINEATE?

Link N Light DELINEATE is a series of lights that are attached to a main backbone cable 100m long. A connection point for a light is every 5m. The Backbone cable can be run up to 300m (3 x 100m lengths) in either direction from a power source which will give 600m. The power source can be either mains supplied through the Link N Light Power Supply Enclosure, from the Link N Light DELINEATE Solar Skid or via the 24/12VDC/48VDC Vehicle power adapter.



**SPECIALISING IN
INDUSTRIAL LED LIGHTING**

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It can be used as a permanent or temporary identifier or indicator.

As per the rest of the Link N Light family it is all Plug and Play. No wiring involved for the lights.

Power consumption for 600m at 48VDC is 66W. This is 120 x LED lights at 5m spacings along its length. These lights are for indication and give approximately 40 lux at 1m.

Lights can be interchanged by simply unscrewing the connectors from the backbone cable and removing or interchanging the lights. If the lights are removed a cap should be installed to maintain the IP Rating. If additional lights are required in the string, a splitter cable can be installed at ever second connection point in the Backbone cable to install an additional 2 lights. This will bring the lights to 2.5m apart. If you require them closer, then you place a splitter at every connection point. Evenly placed will be 1.6m apart. Power consumption must be taken into account when adding addition lights.

Easy Connection Plugs



250W Solar Skid with 20Ah Lithium Battery



Backbone Cable and Light T

What colours do the lights come in?

Red, Blue, White and Yellow. Other colours can be made on request.



So, where do I use it?

It can be used for but not limited to

- Delineating roadways for mining, open cuts and industry
- Trailing cable identification for Draglines, electric shovels, drills and the like.
- Heavy vehicle parking areas.
- Highlighting areas. (examples only)- red lights coming into a stop sign.
Yellow lights for intersections or T Roads
- Roadworks. Edge of roadway and traffic control. Highlighting work areas and barricades
- Emergency use. Police, Fire and SES service
- High wall and Low wall Identification
- Water and waste dam delineation.
- Stockpile areas
- Rural delineation lighting. Airstrips, roadways etc.
- Maintenance zones in open cuts. Entry points and sign in areas.
- Car parking for events

You think of it, we can do it.

How do I mount it?

The light can be attached to existing infrastructure where it is located. Either that, or a stand can be supplied for the backbone cable to be attached to. The stand can be raised or lowered to suit its use. Stand raises from 1.5m up to 2.5m. On top of the stand is a clamp for the backbone cable to be tensioned to suit your needs. The base of the stand can either sit flat on its base or have a sand bag or the like to stabilise.

What is the life of Link N Light Delineate?

The cable and lights have a recognised life of 3 years in the extremes of the Australian sun and weather. These are both UV stabilised.

How do I purchase it?

Link N Light DELINEATE is available in the following configurations.

The backbone cable is sold as a 100m length. This can be customised as per customer needs.

The lights are sold as a single unit. When ordering please state the colour required and the number. There is a connection for a light every 5m on the backbone cable. If additional lights are required please let us know and we will send splitter cables to assist with this.

The power supplies come as either

- Mains supply 110/240v
- Solar Skid with 48V DC 20Ah Battery (Can Be built to Needs)
- 12/24VDC to 48VDC vehicle Power adapter.

All power supplies are available on request and can be interchanged to use Link N Light DELINEATE and Link N Light Mining A & B.

Specifications

DELINEATE	
Colours	White, Red, Yellow, Blue (others Available)
Weight (per light)	100 grams
Size	150mm from top of plug to bottom of light 60mm long, 40mm wide, 25mm deep
Power	0.55W per light. 11W at 100m (0.2A) 66W at 600m (1.2A)
Backbone cable length	100m (can be made to suit your needs)
Number of T joints	Every 5m
Weight	15kg per 100m
Solar Skid	250W panel. 20Ah battery standard MPPT control Charger
Weight assembled	200kg Approx.

Please contact Lance Walk at East West Lighting if you require any further information. lance@eastwestelectrical.com.au Mobile 0428848515 or contact the office at sales@eastwestelectrical.com.au Office 0749985613