DRAWING NO		SHEET MO		DEL NAME	ISSUE
SPL8356		1 OF 2	SPL8356		4
ISSUE	MODIFICATION			DRN	DATE
1	ORIGINAL ISSUE			NJK	04.02.08
2	58/08			NJK	10.05.08
3	016/	/11		RE	02.03.11
4	025/	′11		RE	31.03.11

## **SPECIFICATIONS**

The 743-615-00-50 is a high intensity Step Light designed for the rail industry. Due to the reduced power consumption and long operating life (60,000 hours), the Step Light is ideal as a fit and forget, maintenance-free replacement for halogen type fittings. The Step Light is fitted with a two way receptacle which mates with the two pin plug of the constant current driver (supplied). Extension cables to increase distance between Step Light and the read of request. The step light is mounted from the front of the panel. Please contact Marl Sales Department for more information.

## Mechanical

Dimensions: See page 2 Housing: Black anodised aluminium

Bezel: Decorative chrome plated aluminium

Nut: Black anodised aluminium Lens: Toughened glass

### **Electrical**

Input Voltage: 10-40Vdc Operating power: 4W Operating Current: 350mA Connectors: Deutsch DT series

Light engine: CITIZEN CL-251 6W Series

Medium optic: 30°

For additional information on the LED please contact Marl Sales Department and

request LED data sheet for CL-251-C6N1-C 5000K

Light Output: 230Lm

#### **Thermal**

TOLERANCE/ SCALE UOS

Maximum ambient temperature: 45℃

### **Additional Information**

The Step Light is supplied with a constant current driver which requires a 10-40Vdc input.

RIA12 or EN50155 rail specification, low voltage converter to be purchased separately. Recommended converter: 25W Powertron MBRH Series 110VDC

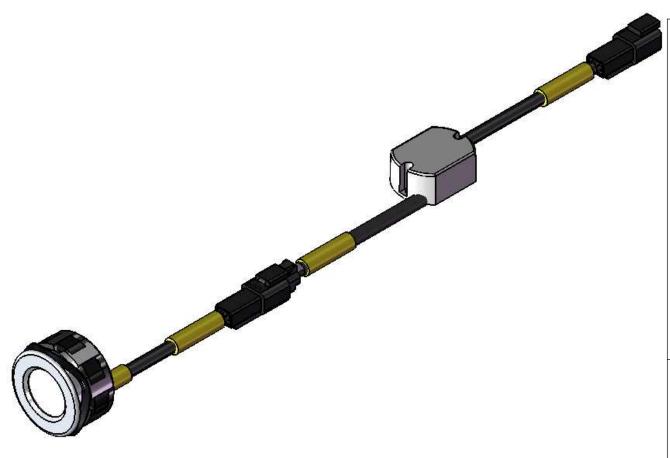
One 25W MBRH converter will power up to 4 step lights.

Marl Part No: 726-000-25-50

Please contact Marl Sales Department for more information.

The Step Light meets RVAR Guidelines 1998: 6(1)(d)

STEP LIGHT: 743-615-00-50



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#### **Marl International Limited**

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tel: +44 (0)1229 582430 fax: +44 (0)1229 585155 e-mail: sales@marl.co.uk website: www.marl.co.uk

#### **Benefits**

- Industry leading efficacy from light engine.
- Low power consumption
- Low maintenance
- UK manufacturing to ISO 9001:2001

# **Applications**

- Rail
- Architectural
- Residential
- Commercial
- Retail



LINEAR **ANGULAR** ± NA

± NA **ALL DIMENSIONS** IN MM ORIGINAL SCALE 1:2 FORMAT - A3

DRN: NJK DATE: 04.02.08 CHK1: NJO

CHK2: RW

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LINEAR

**ANGULAR** 

ORIGINAL SCALE 1:2

ALL DIMENSIONS

IN MM

FORMAT - A3

± NA

CHK1: NJO

CHK2: RW

### **Marl International Limited**

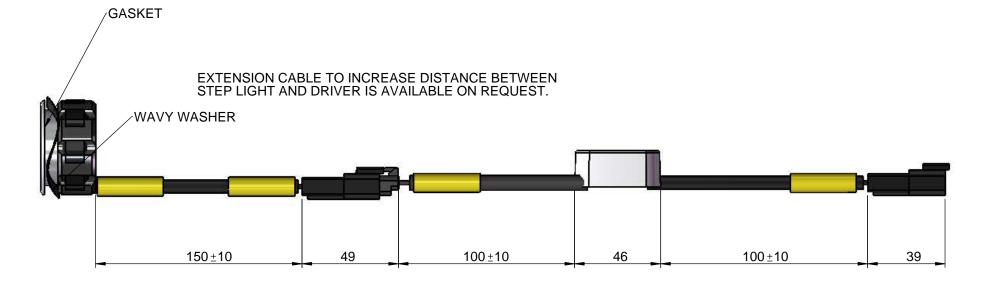
Marl Business Park, Ulverston, Cumbria, LA12 9BN, England.

tel: +44 (0)1229 582430 fax: +44 (0)1229 585155 e-mail: sales@marl.co.uk website: www.marl.co.uk

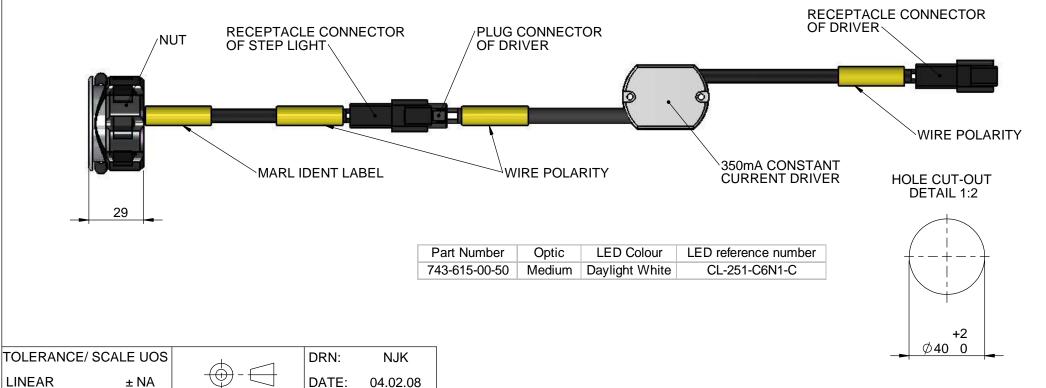
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Low power consumption

# STEP LIGHT: 743-615-00-50







# **Applications**

**Benefits** 

- Rail
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 Low maintenance UK manufacturing to ISO 9001:2001

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