

DRAWING NO	SHEET	MODEL NAME	ISSUE
<b>SPL8092-PDF</b>	<b>1 OF 2</b>	<b>SPL8092</b>	<b>2</b>

ISSUE	MODIFICATION	DRN	DATE
1	ORIGINAL ISSUE	TC	04.05.07
2	50/07	NJK	09.08.07



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## 714 SERIES LIGHT FIXTURE

**SPECIFICATIONS**

**Overview**

The 714-615-09-62 is a high brightness LED light fixture developed for the rail industry. This fixture incorporates a unique mounting method which offers a tamperproof solution without the need for visible fasteners. This fixture is also easy to install due to the mounting collar arrangement and once in place it will provide years of maintenance free operation. Available in cold white with a 45° wide optic and three operating powers. This fixture requires a constant current input. Please refer to Marl Creative Arc Solid State Lighting Product Selector catalogue for wiring option.

**Mechanical**

Dimensions: See page 2  
Bezel: Chrome plated aluminium  
Mounting Collar: Black anodised aluminium  
Heatsink: Black anodised Aluminium  
Lens: Clear polycarbonate  
Hole cut-out: Ø48mm  
Panel thickness: 19mm (min) to 35mm (max)  
Fixture requires additional thread lock adhesive during installation.

**Electrical**

Input voltage: Various (see driver data)  
Input current (white): 350, 700 or 1000mA  
Input current (RGB): 350mA  
Operating power (white): 3W, 6W or 9W  
Operating power (RGB): 9W Max.

**Optical**

LED colour: See LED data sheet (for LED part number see sheet 2)  
LED CRI: See LED data sheet (for LED part number see sheet 2)  
Linear optic: 4x25° (white only)  
Medium optic: 30°  
Wide optic: 45°

**Thermal**

Max. Ambient temperature: 40°C

**Driver Options**

Low voltage non dimmable (white only): See SPL8148  
Low voltage dimmable (white only): See data DP1512D  
Mains voltage non dimmable (white only): See data L07U  
Low voltage (RGB): See SPL8097  
DMX controllable (white or RGB): See SPL8099



**Benefits**

- Low maintenance
- Low power consumption
- Low bezel temperature compared to conventional halogen lamps
- Industry leading efficacy from light engine
- Low profile, aesthetic design
- UK manufacturing to ISO 9001

**Applications**

- Ceiling downlight
- Internal bulkhead light
- Stairwell illumination
- Step light
- Internal floor lighting



TOLERANCE/ SCALE UOS		DRN:	NJK
LINEAR	± NA	DATE:	09.08.07
ANGULAR	± NA	CHK1:	<i>D.M. [Signature]</i>
ORIGINAL SCALE	1:1	CHK2:	<i>[Signature]</i>

