ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
L6513 – LIGHT-ALLOY SECTIONS

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1 Introduction

1.1 Asset Details

Class Code:	L6513
Class Name:	Light-Alloy Sections
Class Lineage:	Construction Products>General purpose civil engineering and construction fabric products>General purpose sections>Rigid sections>Light-alloy sections

1.2 Description

Light Alloys are metallic substances composed of two or more elements. Aluminium and magnesium are the bases for most of the light-metal alloys.

The alloys can be formed into sections with a variety of cross-sectional shapes but the most common are: circular, square and rectangular.

Each individual Light-Alloy Section should be identified as an individual asset.

1.3 Related Functions

All information on the configuration of asset classes (L-Class) to functions is contained within the latest revision of the Asset Data Dictionary Master Configuration document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

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2 Asset Tag Identification Rules

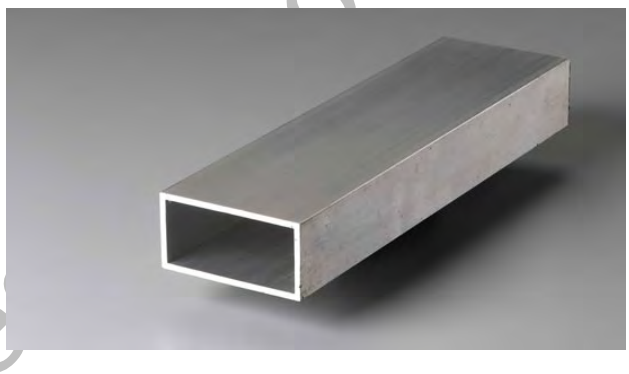
Assets will be identified as required by the Asset Identification Standard (CRL1-XRL-O6-STD-CR001-00031) in the following format:

<LCS Code>-<Function Code>-<Incremental number to ensure uniqueness>

e.g. CR076-BAF-12345

Information and guidance on the standard naming convention for all asset classes is contained within the latest revision of the Asset Naming Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

2.1 Example Images



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3 Attributes

3.1 Generic Attributes

All Classes of assets will have a set of Generic Attributes for which data is collected without exception. Full details relating to these assets can be found at:

AD4 – Generic Attributes CRL1-XRL-Z3-ADDSD-CR001-50069

3.2 Class Specific Attributes

Below is a table of the further specific attributes which are associated with this asset class.

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
Diameter (Metres)	Metres	NU	2		Diameter of the cross section measured from the outer edge of the section (if round)
Height (Metres)	Metres	NU	2		Height of the cross section measured from the outer edge of the section (if square or rectangular)
Length (Metres)	Metres	NU	2		Total length of the section
Thickness (Millimetres)	Millimetres	NU	0		Thickness of the light-alloy
Width (Metres)	Metres	NU	2		Width of the cross section measured from the outer edge of the section (if square or rectangular)

pd = Predefined List (Listed Values Only)
nu = Numeric (dp and number format can be stipulated)
ch = Free text (Max 255 Characters)
da = Date (dd-mm-yyyy)
me = Memo (Free text 1GB Limit)

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4 Performance Data

This section is to be used to specify the performance data to be gathered from this Class of asset when in operation. To be populated once the performance measures have been agreed with the Infrastructure Managers.

5 Labelling

Information and guidance on the standard labelling convention for all asset classes is contained within the latest revision of the Asset Naming and Labelling Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

6 Other Information

Not Applicable

7 Reference Material

- Asset Data Dictionary Master Configuration - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- AD4 – Generic Attributes - CRL1-XRL-Z3-ADDSD-CR001-50069
- Asset Naming Convention Document - CRL1-XR1-Z3-ADDSD-CR001-50413

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8 Crossrail Technical Approvals

Name	Role	Date
[redacted]	Head of Civil Structures	19-Sep-2014

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