ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
L74731 - Fixed Luminaries for General Lighting

Learning Legacy Document

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5.0	27-Aug-2015	[redacted]	[redacted]	[redacted]	Labelling Section Updated
6.0	20-Sep-2016	[redacted]	[redacted]	[redacted]	Attribute removed Attributes added

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Contents

1 Introduction 3
1.1 Asset Details 3
1.2 Description 3
1.3 Related Functions 3
2 Asset Tag Identification Rules 3
2.1 Example Images 4
3 Attributes 5
3.1 Generic Attributes 5
3.2 Class Specific Attributes 5
4 Performance Data 7
5 Labelling 7
6 Other Information 7
7 Reference Material 7
8 Crossrail Technical Approvals 8

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1 Introduction

1.1 Asset Details

Class Code:	L74731
Class Name:	Fixed luminaires for general lighting
Class Lineage:	Construction Products>Services>Electric power and lighting services>Terminal devices products>Fixed luminaires (lighting fittings)

1.2 Description

A fixed luminary is an electrical device used to create artificial light by use of an electric lamp.

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)

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).

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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**
Diffuser		PD		Yes No	Does the luminaire contain a diffuser
Fitting		PD		Surface Concealed	Defines whether the light is fitted to the surface of ceiling or structure, or concealed within its fabric.
Input Voltage (Volts)	Volts	NU	0		The input voltage in AC
IP Rating		CH			Classifies and rates the degree of protection from intrusion by external matter e.g. solids; liquids; mechanical (impact). Alphanumeric e.g.IP22

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Attribute Name	**Base Unit or Formula**	**Value Type** (See Below)	**Decimal Places** (nu Only)	**Defined Values List** (pd only)	**Description**
Lamp		PD		Compact fluorescent (CFL) Incandescent LED Energy saving halogen	The type of bulb in the luminaire
Life (Hours)	Hours	NU	2		The length of time a luminaire is expected to last in Burning hours.
Luminaire Type		PD		Uplighter Downlighter Batten	What type of luminaire is it
Power Rating (Watts)	Watts	NU	0		A guideline which indicates the maximum power to be used with the luminaire.
LED Array/Deriver Type		CH			Manufacturer of LED Array/Driver
DALI Enabled		PD		Yes No	Is the luminaire DALI enabled?

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]	Lead Mechanical & Electrical Plant (MEP) Engineer	19-Sep-2014

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