ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
L747354 – LIGHT-SENSITIVE SWITCHES

Document Number: **CRL1-XRL-Z3-ADDSD-CR001-50111**

Document Revision: **6.0**

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Document History:

Revision:	Date:	Prepared by:	Checked by:	Authorised by:	Reason for Issue:
1.0	09-Nov-2012	[redacted]	[redacted]	[redacted]	First Issue
2.0	11-Oct-2013	[redacted]	[redacted]	[redacted]	Standardisation of Attribute Names and New Branding
3.0	03-Jun-2014	[redacted]	[redacted]	[redacted]	Asset Tag Identification Section Updated
4.0	24-Jun-2014	[redacted]	[redacted]	[redacted]	Changed Image IMP-0004.067
5.0	19-Sep-2014	[redacted]	[redacted]	[redacted]	Approvals Added Consultations Removed
6.0	27-Aug-2015	[redacted]	[redacted]	[redacted]	Labelling Section Updated

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1 Introduction

1.1 Asset Details

Class Code:	L747354
Class Name:	LIGHT SENSITIVE SWITCHES
Class Lineage:	Construction Products>Services>Electric power and lighting services products>Terminal devices>Fixed luminaires (lighting fittings)>Light switches>Light-sensitive Switches

1.2 Description

A light sensitive switch automatically controls lighting or another load on the basis of a defined level of light.

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
Full Load Current (Amps)	Amps	NU	0		The maximum safe current in Amps
Input Voltage (Volts)	Volts	NU	0		The rated operating voltage of the unit
IP Rating		CH			Classifies and rates the degree of protection from intrusion by external matter e.g. solids; liquids; mechanical (impact). A suffix may be added to the rating to give additional information e.g. to define whether an asset is protected from high pressure and temperature washing.
Lux Trigger Point (Lux)	Lux	NU	2		The light intensity at which the switch operates
Number of Circuits (#)	#	NU	0		No of circuits that the sensor can handle

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)

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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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