



STATUTORY INSTRUMENTS.

**S.I. No. 626 of 2016**

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TAXES CONSOLIDATION ACT 1997 (ACCELERATED CAPITAL  
ALLOWANCES FOR ENERGY EFFICIENT EQUIPMENT)  
(AMENDMENT) (NO. 2) ORDER 2016

S.I. No. 626 of 2016

TAXES CONSOLIDATION ACT 1997 (ACCELERATED CAPITAL  
ALLOWANCES FOR ENERGY EFFICIENT EQUIPMENT)  
(AMENDMENT) (NO. 2) ORDER 2016

I, DENIS NAUGHTEN, Minister for Communications, Climate Action and Environment, in exercise of the powers conferred on me by section 285A (inserted by section 46 of the Finance Act 2008 (No. 3 of 2008)) of the Taxes Consolidation Act 1997 (No. 39 of 1997), with the approval of, and after consultation with, the Minister for Finance, hereby order as follows:

1. (1) This Order may be cited as the Taxes Consolidation Act 1997 (Accelerated Capital Allowances for Energy Efficient Equipment) (Amendment) (No. 2) Order 2016.

(2) The collective citation, “the Taxes Consolidation Act 1997 (Accelerated Capital Allowances for Energy Efficient Equipment) Orders 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016”, includes this Order.

2. In this Order “Principal Order” means the Taxes Consolidation Act 1997 (Accelerated Capital Allowances for Energy Efficient Equipment) Order 2008 (S.I. No. 399 of 2008).

3. Schedule 1 of the Principal Order is amended by substituting the following for Part 52 of that Schedule

**“Part 52**

**Category: Refrigeration and Cooling**

**Technology: Heat Pumps**

Heat Pumps are defined as equipment that is designed to transfer heat from a heat source (such as ground, water or ambient air) to a heat sink (such as indoor air or a water-based heating system) using a refrigeration system.

**Heat Pump equipment is considered to include the following:**

• **Air-source Heat Pumps**

Air-to-Water heat pumps are products that are specifically designed to transfer heat from the air outside a building to a water-based heating system by means of an electrically driven refrigeration system. Such heat pumps may also provide cooling by reversing the direction of the refrigerant flow. Air-to-water heat pumps can be split<sup>1</sup> or packaged units<sup>2</sup>

*Notice of the making of this Statutory Instrument was published in  
“Iris Oifigiúil” of 27th December, 2016.*

Air-to-Air heat pumps are products that are specifically designed to transfer heat from the air outside a building to the air inside a building by means of an electrically driven or gas-fired internal combustion engine refrigeration system. Such heat pumps may also provide cooling by reversing the direction of the refrigerant flow. Air-to-water heat pumps can be split<sup>1</sup> or packaged units<sup>2</sup>. Air-to-Air heat pumps can also incorporate variable refrigerant flow (VRF) which is where the flow of refrigerant is automatically adjusted so that the heat delivered is matched to the demand.

#### • **Ground Source Heat Pumps**

Brine-to-Water heat pumps are products that are specifically designed to transfer heat from the ground to a water-based heating system by means of an electrically-operated refrigeration system. The heat is collected from the ground by circulating a solution of water and anti-freeze (known as 'brine') through a buried, closed-loop, ground heat exchanger. Such heat pumps may also provide cooling by reversing the direction of the refrigerant flow.

#### • **Water-Source Heat Pumps**

Water-Source Heat Pumps are products that are specifically designed to transfer heat from water (in an internal water loop) into the air within the space to be heated by means of an electrically-operated refrigeration system. Such heat pumps may also provide cooling by reversing the direction of the refrigerant flow. Water-source heat pumps can also incorporate variable refrigerant flow (VRF) and are designed to automatically adjust the flow of refrigerant so that the heat delivered is matched to the demand.

#### • **Heat Pump Dehumidifiers**

Heat pump dehumidifiers are products that are specifically designed to remove water vapour from moist air using an electrically driven refrigeration system. They re-circulate the indoor moist air over the evaporator of the refrigeration system which cools the air and causes the water vapour in the air to condense. The resulting condensate is then drained away. These high efficiency products recover both sensible and latent heat released during dehumidification, and use it to heat the air as it leaves the product or for other useful purposes, such as water heating.

#### • **Gas Fired Absorption / Adsorption Heat Pumps**

Sorption systems, whether they are absorption or adsorption systems use the ability of a liquid or solid material to ab/adsorb large amounts of refrigerant to be used in a 'thermal' compressor. Unlike the vapour compression system where motive power (normally an electric motor) is used to drive the compressor, in sorption systems a gas burner provides heat to drive the 'thermal' compressor.

<sup>1</sup>Split type heat pumps have separate heat collection and rejection units for each space known as 'indoor' and 'outdoor' units. The 'indoor' and 'outdoor' units are specifically designed to be connected together during installation by refrigerant pipe work to form a single functional unit.

<sup>2</sup>Packaged type heat pumps are single factory assembled units that incorporate all the elements of the refrigeration system and air distribution mechanisms for space heating.

### Eligibility Criteria Overview

In order to be included on the Triple E Product Register\*, the specific Heat Pumps equipment must meet all of the relevant requirements set out below.

***Note:** Supporting documentation that clearly demonstrates Triple E compliance according to the conditions below will be required as part of the Triple E checking process. Detailed information on the types of documents accepted can be found in the separate Supporting Documentation guidelines.*

\* known as the specified list as per the Finance Act

#### **General Eligibility Criteria**

(Applicable to all Heat Pump equipment)

No.	Condition
1.	All equipment and/or components must be CE marked as required by the specific EU directive(s).
2.	All heat pumps must be designed for, and include fittings for permanent installation.

#### **Air-Source & Water-Source Heat Pump specific Eligibility Criteria**

(To be met in addition to the general eligibility criteria)

No.	Condition
3.	Incorporate an electrically or gas-fired internal combustion engine-driven refrigeration system
4.	Meet the performance criteria set out in Table 1 below for: <ul style="list-style-type: none"> <li>• Coefficient of Performance (COP) across the range of connected capacities and including 100% (full) load in heating mode.</li> <li>• Energy Efficiency Ratio (EER) across the range of connected capacities and including 100% (full) load in cooling mode, where the product is designed to provide cooling</li> </ul>

#### **Ground-Source Heat Pump specific Eligibility Criteria**

(To be met in addition to the general eligibility criteria)

No.	Condition
5.	Incorporate an electrically or gas-fired internal combustion engine-driven refrigeration system
6.	Be designed to use an indirect, closed-loop ground heat exchanger.
7.	Meet the performance criteria set out in Table 1 below for: <ul style="list-style-type: none"> <li>• Coefficient of Performance (COP) across the range of connected capacities and including 100% (full) load in heating mode.</li> <li>• Energy Efficiency Ratio (EER) across the range of connected capacities and including 100% (full) load in cooling mode, where the product is designed to provide cooling</li> </ul>

### Heat Pump Dehumidifiers specific Eligibility Criteria

(To be met in addition to the general eligibility criteria)

No.	Condition
8.	Incorporate an electrically driven refrigeration system that is designed to remove water vapour from the surrounding atmosphere, as the air is recirculated through the product.
9.	Recover both sensible and latent heat released during dehumidification, and use it to heat the air as it leaves the product and/or for other useful purposes (such as water heating).
10.	Incorporate a control system that monitors the relative humidity of the surrounding atmosphere, and automatically switches off dehumidification, or modulates the rate of dehumidification, when the relative humidity falls below a preset value.
11.	Have a dehumidification capacity that is greater than or equal to ( $\geq$ ) 0.625 litres per hour.
12.	<b>Not</b> be designed to be connected to compressed air systems.
13.	Have a dehumidification efficiency ratio (DER) equal to or greater than the thresholds set out in Table 2 below, which depend on the dehumidification capacity (C) of the product.

### Gas Absorption or Adsorption Heat Pump specific Eligibility Criteria

(To be met in addition to the general eligibility criteria)

No.	Condition
14	Incorporate a natural gas fired absorption or adsorption heat pump
15	Be designed to recover ambient heat from an air source, water source or ground source and / or waste heat for heat generation
16	Meet the performance criteria set out in Table 3

**Table 1: Performance thresholds for Heat Pumps**

Product Category	Heating mode (COP)	Cooling mode (EER)
<b>Air Source</b>		
Air-to-water	> 4.00	> 3.10
Air-to-Air packaged	> 3.20	> 2.80
Air-to-Air split and multi-split	> 3.70	> 3.30
Air-to-Air gas engine driven (GED)	> 1.30	> 1.10
<b>Ground Source</b>		
Brine-to-water heat pumps	> 4.00	> 3.20
<b>Water Source</b>		
Split and multi-split heat pumps	> 4.10	> 3.50

**Table 2: Performance test points for Heat pump dehumidifiers**

Dehumidification capacity (C) (Litres/hour)	Dehumidification efficiency ratio (DER) (Litres/kWh)
≥ 0.625 and < 1.5	≥ 1.40
≥ 1.5 and < 2.3	≥ 1.80
≥ 2.3	≥ 2.30

**Table 3 — Minimum seasonal space heating energy efficiency**

	Gas Absorption / Adsorption Heat Pump	'Low Temperature' Gas Absorption / Adsorption Heat Pump
Minimum seasonal space heating efficiency	110%	125%
'Low temperature' ab/adsorption heat pump — maximum outlet flow temperature ≤ 520C, with an inlet dry (wet) bulb temperature of -70C (-80C) in the reference design conditions for 'average' climate		

**Notes:**

**Energy Efficiency Ratio (EER)** in the context of heat pumps is an index used to indicate the efficiency of the equipment in cooling mode and is calculated as follows:

$$\text{EER} = \frac{\text{Net cooling capacity (kW)}}{\text{Effective power input (kW)}}$$

**Coefficient of Performance (COP)** in the context of heat pumps is an index used to indicate the efficiency of the equipment in heating mode and is calculated as follows:

$$\text{COP} = \frac{\text{Net heating capacity (kW)}}{\text{Effective power input (kW)}}$$

For the avoidance of doubt test data should be presented to two decimal places. As an example, in Table 1: Air-to-water heat pump with a heating mode COP of 4.00 would be deemed to be a fail.

4. Part 3 of Schedule 2 of the Principal Order is amended by inserting the following:

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Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG68657	C10083987	C10-S1 225X1500 8200HF 840 2X2SU	Surface mounted luminaire 8200 lumen colour 840 lightsource HF with Cat II/500 MIRO louvre	Glamox Ireland Ltd.,

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG68587	URB-GU10-5C-B	UrbanVolt GU10	GU10 lamp	UrbanVolt
LIG68307	R170LEDC40-01	SUN 12W LED circular panel, IP20, 170mm, White, 4000K	12W LED Circular Panel - Die cast aluminium housing with PS diffuser - IK10 Rated - Matt white finish - Stainless steel screws and spring clips - Complete with plug and play driver and 1m flex	LED Group
LIG68308	R170LEDC40-01E	SUN 12W LED circular panel, IP20, 170mm, White, 4000K c/w Emergency Pack	12W LED Circular Panel C/ w Emergency Pack - Die cast aluminium housing with PS diffuser - IK10 Rated - Matt white finish - Stainless steel screws and spring clips - Complete with plug and play driver and 1m flex	LED Group
LIG68309	R225LEDC40-01	SUN 18W LED circular panel, IP20, 225mm, White, 4000K	18W LED Circular Panel - Die cast aluminium housing with PS diffuser - IK10 Rated - Matt white finish - Stainless steel screws and spring clips - Complete with plug and play driver and 1m flex	LED Group
LIG68310	R225LEDC40-01E	SUN 18W LED circular panel, IP20, 225mm, White, 4000K c/w Emergency Pack	18W LED Circular Panel C/ w Emergency Pack - Die cast aluminium housing with PS diffuser - IK10 Rated - Matt white finish - Stainless steel screws and spring clips - Complete with plug and play driver and 1m flex	LED Group
LIG68311	R300LEDC40-01	SUN 24W LED circular panel, IP20, 300mm, White, 4000K	24W LED Circular Panel - Die cast aluminium housing with PS diffuser - IK10 Rated - Matt white finish - Stainless steel screws and spring clips - Complete with plug and play driver and 1m flex	LED Group
LIG68312	R300LEDC40-01E	SUN 24W LED circular panel, IP20, 300mm, White, 4000K c/w Emergency Pack	24W LED Circular Panel C/ w Emergency Pack - Die cast aluminium housing with PS diffuser - IK10 Rated - Matt white finish - Stainless steel screws and spring clips - Complete with plug and play driver and 1m flex	LED Group
LIG68313	RHKM01040-01	HAWK 10W LED surface fitting, IP65, 330mm, White, 4000K	10 - Tamper proof Screws - Efficacy > 80 lm/ W - IK10 Rated - Base is compatible with conduit box connection	LED Group

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG68314	RHKM01040-01SEN	HAWK 10W LED surface fitting, IP65, 330mm, White, 4000K c/w Sensor	10W LED Surface Fitting C/ w Microwave Sensor - Tamper proof Screws - > 80 lm/ W - IK10 Rated - Base is compatible with conduit box connection	LED Group
LIG68315	RHKM01040E-01	HAWK 10W LED surface fitting, IP65, 330mm, White, 4000K, emergency	10W LED Surface Fitting C/ w Emergency Pack - Tamper proof Screws - Efficacy > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68316	RHKM01040E-01SEN	HAWK 10W LED surface fitting, IP65, 330mm, White, 4000K, emergency c/w Sensor	10W LED Surface Fitting C/ w Emergency Pack & Microwave Sensor - Efficacy - Tamper proof Screws - > 80 lm/ W - IK10 Rated - Base is compatible with conduit box connection	LED Group
LIG68317	RHKM01540-01	HAWK 14W LED surface fitting, IP65, 330mm, White, 4000K	14W LED Surface Fitting - Tamper proof Screws - Efficacy > 80 lm/ W - IK10 Rated - Base is compatible with conduit box connection	LED Group
LIG68318	RHKM01540-01SEN	HAWK 14W LED surface fitting, IP65, 330mm, White, 4000K c/w Sensor	14W LED Surface Fitting C/ w Microwave Sensor - Tamper proof Screws - > 80 lm/ W - IK10 Rated - Base is compatible with conduit box connection	LED Group
LIG68319	RHKM01540E-01	HAWK 14W LED surface fitting, IP65, 330mm, White, 4000K, emergency	14W LED Surface Fitting C/ w Emergency Pack - Tamper proof Screws - Efficacy > 80 lm/ W - IK10 Rated - Base is compatible with conduit box connection	LED Group
LIG68320	RHKM01540E-01SEN	HAWK 14W LED surface fitting, IP65, 330mm, White, 4000K emergency c/w Sensor	14W LED Surface Fitting C/ w Emergency Pack & Microwave Sensor - Efficacy - Tamper proof Screws - > 80 lm/ W - IK10 Rated - Base is compatible with conduit box connection	LED Group
LIG68321	R075LED-01	GOLF 7.5W LED with Pro-diffuser, IP65, 272mm, White, 4000K	7.5W LED Surface Fitting - IK09 Rated - Utilises SMD technology - Efficacy 87lm/W - IP65	LED Group

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG68322	R075LEDE-01	GOLF 7.5W LED with Pro-diffuser, IP65, 272mm, White, 4000K, emergency	7.5W LED Surface Emergency Fitting - IK09 Rated - Utilises SMD technology - Efficacy 87lm/W - IP65	LED Group
LIG68323	R075LEDES-01	GOLF 7.5W LED with Pro-diffuser, IP65, 272mm, White, 4000K, emergency sensor	7.5W LED Surface Fitting Emergency - C/ w Microwave Sensor - IK09 Rated - Utilises SMD technology - Efficacy 87lm/W - IP65	LED Group
LIG68324	R075LEDS-01	GOLF 7.5W LED with Pro-diffuser, IP65, 272mm, White, 4000K, microwave sensor	7.5W LED Surface Fitting - C/ w Microwave Sensor - IK09 Rated - Utilises SMD technology - Efficacy 87lm/W - IP65	LED Group
LIG68325	R150LED-01	GOLF 15W LED with Pro-diffuser, IP65, 330mm, White, 4000K	15W LED Surface Fitting - IK09 Rated - Utilises SMD technology - Efficacy 87lm/W - IP65	LED Group
LIG68326	R150LED30-03	GOLF 15W LED with Pro-diffuser, IP65, 330mm, Chrome, 3000K	15W LED Surface Fitting - Warm White - IK09 Rated - Utilises SMD technology - Efficacy 87lm/W - IP65	LED Group
LIG68327	R150LEDE-01	GOLF 15W LED with Pro-diffuser, IP65, 330mm, White, 4000K, emergency	15W LED Surface Emergency Fitting - IK09 Rated - Utilises SMD technology - Efficacy 87lm/W - IP65	LED Group
LIG68328	R150LEDES-01	GOLF 15W LED with Pro-diffuser, IP65, 330mm, White, 4000K, emergency sensor	15W LED Surface Fitting Emergency - C/ w Microwave Sensor - IK09 Rated - Utilises SMD technology - Efficacy 87lm/W - IP65	LED Group
LIG68329	R150LEDRET	GOLF 15W SMD LED retrofit tray	15W LED Replacement Tray - Mounting posts fits many existing fittings - SMD technology - Efficacy >100lm/W	LED Group
LIG68330	R150LEDRETE	15W LED SMD RETROFIT TRAY - 4000K c/w Emergency	15W LED Replacement Tray - C/ w Emergency - Mounting posts fits many existing fittings - SMD technology - Efficacy >100lm/W	LED Group
LIG68331	R150LEDRET SEN	R150LEDRET c/w Sensor	15W LED Replacement Tray C/ w Microwave Sensor - Mounting posts fits many existing fittings - SMD technology - Efficacy >100lm/W	LED Group

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG68332	R150LEDRET SENE	15W LED SMD RETROFIT TRAY - 4000K c/w Sensor + Emergency	15W LED Replacement Tray C/ w Microwave Sensor - Mounting posts fits many existing fittings - SMD technology - Efficacy >100lm/W	LED Group
LIG68333	R150LEDS-01	GOLF 15W LED with Pro- diffuser, IP65, 330mm, White, 4000K, microwave sensor	15W LED Surface Fitting - C/ w Emergency & Microwave Sensor - IK09 Rated - Utilises SMD technology - Efficacy 87lm/W - IP65	LED Group
LIG68334	REEL02440-01	EAGLE Large 24W LED with Pro-diffuser, 4000K	24W LED Surface Fitting - Efficacy - > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68335	REEL02440- 01SEN	EAGLE Large 24W LED with Pro-diffuser, 4000K c/w Sensor	24W LED Surface Fitting C/ w Microwave Sensor - > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68336	REEL02440E-01	EAGLE Large Emergency 24W LED with Pro- diffuser, 4000K	24W LED Surface Fitting C/ w Emergency Pack - Efficacy - > 80 lm/ W IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68337	REEL02440E- 01SEN	EAGLE Large Emergency 24W LED with Pro- diffuser, 4000K c/w Sensor	24W LED Surface Fitting C/ w Emergency Pack & Microwave Sensor - Efficacy > 80 - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68338	REEM01040-01	EAGLE 10W LED surface fitting, IP65, 330mm, White, 4000K	10W LED Surface Fitting - Efficacy - > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG68339	REEM01040-01SEN	EAGLE 10W LED surface fitting, IP65, 330mm, White, 4000K c/w Sensor	10W LED Surface Fitting C/ w Microwave Sensor - > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68340	REEM01040E-01	EAGLE 10W LED surface fitting, IP65, 330mm, White, 4000K, emergency	10W LED Surface Fitting C/ w Emergency Pack - Efficacy - > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68341	REEM01040E-01SEN	EAGLE 10W LED surface fitting, IP65, 330mm, White, 4000K, emergency c/w Sensor	10W LED Surface Fitting C/ w Emergency Pack & Microwave Sensor - Efficacy > 80 - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68342	REEM01540-01	EAGLE 14W LED surface fitting, IP65, 330mm, White, 4000K	14W LED Surface Fitting - Efficacy - > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68343	REEM01540-01SEN	EAGLE 14W LED surface fitting, IP65, 330mm, White, 4000K c/w Sensor	14W LED Surface Fitting C/ w Microwave Sensor - > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68344	REEM01540E-01	EAGLE 14W LED surface fitting, IP65, 330mm, White, 4000K, emergency	14W LED Surface Fitting C/ w Emergency Pack - Efficacy - > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68345	REEM01540E-01SEN	EAGLE 14W LED surface fitting, IP65, 330mm, White, 4000K, emergency c/w Sensor	14W LED Surface Fitting C/ w Emergency Pack & Microwave Sensor - Efficacy - > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG68346	REES7P040-01	EAGLE 7W LED surface fitting, IP65, 272mm, White, 4000K	7W LED Surface Fitting - Efficacy - > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68347	REES7P040-01SEN	EAGLE 7W LED surface fitting, IP65, 272mm, White, 4000K, c/w Sensor	7W LED Surface Fitting C/ w Microwave Sensor - > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68348	REES7P040E-01	EAGLE 7W LED surface fitting, IP65, 272mm, White, 4000K, emergency	7W LED Surface Fitting C/ w Emergency Pack - Efficacy - > 80 lm/ W - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68349	REES7P040E-01SEN	EAGLE 7W LED surface fitting, IP65, 272mm, White, 4000K, emergency c/w Sensor	7W LED Surface Fitting C/ w Emergency Pack & Microwave Sensor - Efficacy > 80 - IK10 Rated - Twist & Lock trim and diffuser with IP65 seal to base - Base is compatible with conduit box connection	LED Group
LIG68376	7022DWO21	Tangram 2 DW	GENERAL High efficiency street luminaire for illumination of streets in accordance with lighting classification according to EN 13021 standard.	Buck
LIG68377	7022FN021	Tangram 2 FN	GENERAL High efficiency street luminaire for illumination of streets in accordance with lighting classification according to EN 13021 standard.	Buck
LIG68378	7022ME021	Tangram 2 ME	GENERAL High efficiency street luminaire for illumination of streets in accordance with lighting classification according to EN 13021 standard.	Buck

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
LIG68379	7022T2021	Tangram 2 T2	GENERAL High efficiency street luminaire for illumination of streets in accordance with lighting classification according to EN 13021 standard.	Buck
LIG68380	7023DWO21	Tangram 3 DW	GENERAL High efficiency street luminaire for illumination of streets in accordance with lighting classification according to EN 13021 standard.	Buck
LIG68381	7023FN021	Tangram 3 FN	GENERAL High efficiency street luminaire for illumination of streets in accordance with lighting classification according to EN 13021 standard.	Buck
LIG68382	7023ME021	Tangram 3 ME	GENERAL High efficiency street luminaire for illumination of streets in accordance with lighting classification according to EN 13021 standard.	Buck
LIG68383	7023T2021	Tangram 3 T2	GENERAL High efficiency street luminaire for illumination of streets in accordance with lighting classification according to EN 13021 standard.	Buck
LIG68384	7024DWO21	Tangram 4 DW	GENERAL High efficiency street luminaire for illumination of streets in accordance with lighting classification according to EN 13021 standard.	Buck
LIG68385	7024FN021	Tangram 4 FN	GENERAL High efficiency street luminaire for illumination of streets in accordance with lighting classification according to EN 13021 standard.	Buck
LIG68386	7024ME021	Tangram 4 ME	GENERAL High efficiency street luminaire for illumination of streets in accordance with lighting classification according to EN 13021 standard.	Buck

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG68387	7024T2021	Tangram 4 T2	GENERAL High efficiency street luminaire for illumination of streets in accordance with lighting classification according to EN 13021 standard.	Buck
LIG68388	7011DW021	VIHOR 1 DW0	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68389	7011DW121	VIHOR 1 DW1	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68390	7011FN021	VIHOR 1 FN0	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68391	7011FN121	VIHOR 1 FN1	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68392	7011ME021	VIHOR 1 ME0	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68393	7011ME121	VIHOR 1 ME1	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68394	7011T2021	VIHOR 1 T20	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68395	7011T2121	VIHOR 1 T21	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68396	7012DW021	VIHOR 2 DW0	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG68397	7012DW1XY	VIHOR 2 DW1	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68398	7012FN021	VIHOR 2 FN0	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68399	7012FN1XY	VIHOR 2 FN1	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68400	7012ME021	VIHOR 2 ME0	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68401	7012ME1XY	VIHOR 2 ME1	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68402	7012T2021	VIHOR 2 T20	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68403	7012T21XY	VIHOR 2 T21	GENERAL An economical luminaire for public lighting. Equipped with high energy efficiency LED modules,	Buck
LIG68404	6112-C021	Tangram HB2CO	GENERAL Multifunctional high-bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68405	6112-M021	Tangram HB2MO	GENERAL Multifunctional high-bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68406	6112-O021	Tangram HB2O0	GENERAL Multifunctional high-bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68407	6112B2021	Tangram HB2B2	GENERAL Multifunctional high-bay LED floodlight intended for mounting above 6 m of height	Buck

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG68408	6112CY0XY	Tangram HB2CY	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68409	6112RW0XY	Tangram HB2RW	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68410	6112WW0XY	Tangram HB2WW	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68411	6114-C021	Tangram HB4CO	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68412	6114-M021	Tangram HB4MO	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68413	6114-O021	Tangram HB4O0	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68414	6114B2021	Tangram HB4B2	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68415	6114CY0XY	Tangram HB4CY	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68416	6114RW0XY	Tangram HB4RW	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68417	6114WW0XY	Tangram HB4WW	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68418	6116-C021	Tangram HB6CO	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68419	6116-M021	Tangram HB6MO	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG68420	6116-O021	Tangram HB6O0	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68421	6116B2021	Tangram HB6B2	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68422	6116CY0XY	Tangram HB6CY	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68423	6116RW0XY	Tangram HB6RW	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68424	6116WW0XY	Tangram HB6WW	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68425	6118-CO21	Tangram HB8CO	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68426	6118-MO21	Tangram HB8MO	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68427	6118B2021	Tangram HB8B2	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68428	6118CYO21	Tangram HB8CY	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68429	6118-O021	Tangram HB8O0	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68430	6118RW021	Tangram HB8RW	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck
LIG68431	6118WW021	Tangram HB8WW	GENERAL Multifunctional high- bay LED floodlight intended for mounting above 6 m of height	Buck

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG67553	EN-FL30A	30W LED Floodlight	30w LED Flood. IP65, slim design, durable paint, tempered glass, die-cast aluminium housing, pre-wired with 300mm cable, 2 year warranty	Aurora Lighting Limited
LIG67556	EN-ANT1236/40	36w Linear Anti Corrosive 40k	Opal diffuser, 3300 lumens, 40k hours, IK08 impact rating	Aurora Lighting Limited
LIG67557	EN-ANT1236/60	36w Linear Anti Corrosive 60k	Opal diffuser, 3600 lumens, 40k hours, IK08 impact rating	Aurora Lighting Limited
LIG67558	EN-ANT1554/40	54w Linear Anti Corrosive 40k	Opal diffuser, 5000 lumens, 40k hours, IK08 impact rating	Aurora Lighting Limited
LIG67559	EN-ANT1554/60	54w Linear Anti Corrosive 60k	Opal diffuser, 5400 lumens, 40k hours, IK08 impact rating	Aurora Lighting Limited
LIG67560	EN-ANT1236/40MS	36w Linear Anti Corrosive with Microwave Sensor 40k	Opal diffuser, 3300 lumens, 40k hours, IK08 impact rating, 12m microwave sensor detection	Aurora Lighting Limited
LIG67561	EN-ANT1236/60MS	36w Linear Anti Corrosive with Microwave Sensor 60k	Opal diffuser, 3600 lumens, 40k hours, IK08 impact rating, 12m microwave sensor detection	Aurora Lighting Limited
LIG67562	EN-ANT1554/40MS	54w Linear Anti Corrosive with Microwave Sensor 40k	Opal diffuser, 5000 lumens, 40k hours, IK08 impact rating, 12m microwave sensor detection	Aurora Lighting Limited
LIG67563	EN-ANT1554/60MS	54w Linear Anti Corrosive with Microwave Sensor 60k	Opal diffuser, 5400 lumens, 40k hours, IK08 impact rating, 12m microwave sensor detection	Aurora Lighting Limited
LIG67564	EN-ANT1236/40EM	36w Linear Anti Corrosive in Emergency 40k	Opal diffuser, 3300 lumens, 40k hours, IK08 impact rating, emergency version	Aurora Lighting Limited
LIG67565	EN-ANT1236/60EM	36w Linear Anti Corrosive in Emergency 60k	Opal diffuser, 3600 lumens, 40k hours, IK08 impact rating, emergency version	Aurora Lighting Limited
LIG67566	EN-ANT1554/40EM	54w Linear Anti Corrosive in Emergency 40k	Opal diffuser, 5000 lumens, 40k hours, IK08 impact rating, emergency version	Aurora Lighting Limited
LIG67567	EN-ANT1554/60EM	54w Linear Anti Corrosive in Emergency 60k	Opal diffuser, 5400 lumens, 40k hours, IK08 impact rating, emergency version	Aurora Lighting Limited
LIG67619	ADILED2	Disco LED	Circular LED Polycarbonate Bulkhead	ANSELL LIGHTING
LIG67649	ASLED2X5	Stormloc 2x36W IP65 LED Non-Corrosive	Twin LED IP65 Non-Corrosive	ANSELL LIGHTING

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
LIG67650	ASLED5	Stormloc 36W IP65 LED Non-Corrosive	Stormloc Single LED 5ft Non-Corrosive	ANSELL LIGHTING
LIG67147	PH-6D6-30W	UrbanVolt 30W Panel Series	30W Panel LED luminaire	UrbanVolt
LIG67155	PRO-209-840-N01	LED Tube 2ft PRO Integrated Driver 4000K	LED 2ft Tube 4000K Internal Driver	Energys Group Limited
LIG67156	PRO-309-840-N01	LED Tube 3ft PRO Integrated Driver 4000K	LED 3ft Tube 4000K Internal Driver	Energys Group Limited
LIG67157	PRO-415-840-N01	LED Tube 4ft PRO Integrated Driver 4000K	LED 4ft Tube 4000K Internal Driver	Energys Group Limited
LIG67158	PRO-518-840-N01	LED Tube 5ft PRO Integrated Driver 4000K	LED 5ft Tube 4000K Internal Driver	Energys Group Limited
LIG67159	ECO-209-840-N01	LED Tube 2ft ECO Integrated Driver 4000K	LED 2ft Tube 4000K Internal Driver	Energys Group Limited
LIG67160	ECO-309-840-N01	LED Tube 3ft ECO Integrated Driver 4000K	LED 3ft Tube 4000K Internal Driver	Energys Group Limited
LIG67161	ECO-415-840-N01	LED Tube 4ft ECO Integrated Driver 4000K	LED 4ft Tube 4000K Internal Driver	Energys Group Limited
LIG67162	ECO-518-840-N01	LED Tube 5ft ECO Integrated Driver 4000K	LED 5ft Tube 4000K Internal Driver	Energys Group Limited
LIG67163	PRO-208-840-E01	LED Tube 2ft PRO Remote Driver 4000K	LED 2ft Tube 4000K Remote Driver	Energys Group Limited
LIG67164	PRO-308-840-E01	LED Tube 3ft PRO Remote Driver 4000K	LED 3ft Tube 4000K Remote Driver	Energys Group Limited
LIG67165	PRO-415-840-E01	LED Tube 4ft PRO Remote Driver 4000K	LED 4ft Tube 4000K Remote Driver	Energys Group Limited
LIG67166	PRO-520-840-E01	LED Tube 5ft PRO Remote Driver 4000K	LED 5ft Tube 4000K Remote Driver	Energys Group Limited
LIG67167	ECO-208-840-E01	LED Tube 2ft ECO Remote Driver 4000K	LED 2ft Tube 4000K Remote Driver	Energys Group Limited
LIG67168	ECO-308-840-E01	LED Tube 3ft ECO Remote Driver 4000K	LED 3ft Tube 4000K Remote Driver	Energys Group Limited
LIG67169	ECO-413-840-E01	LED Tube 4ft ECO Remote Driver 4000K	LED 4ft Tube 4000K Remote Driver	Energys Group Limited
LIG67170	ECO-515-840-E01	LED Tube 5ft ECO Remote Driver 4000K	LED 5ft Tube 4000K Remote Driver	Energys Group Limited
LIG67171	SRP-E27-45-20	LED SON Retrofit Corn Lamp 20W 6000K	LED SON 20W 6000K	Energys Group Limited

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG67172	SRP-E27-60-20	LED SON Retrofit Corn Lamp 20W 4500K	LED SON 20W 4500K	Energys Group Limited
LIG67173	SRP-E27-45-30	LED SON Retrofit Corn Lamp 30W 6000K	LED SON 30W 6000K	Energys Group Limited
LIG67174	SRP-E27-60-30	LED SON Retrofit Corn Lamp 30W 4500K	LED SON 30W 4500K	Energys Group Limited
LIG67175	SRP-E40-45-40	LED SON Retrofit Corn Lamp 40W 6000K	LED SON 40W 6000K	Energys Group Limited
LIG67176	SRP-E40-60-40	LED SON Retrofit Corn Lamp 40W 4500K	LED SON 40W 4500K	Energys Group Limited
LIG67177	SRP-E40-45-60	LED SON Retrofit Corn Lamp 60W 6000K	LED SON 60W 6000K	Energys Group Limited
LIG67178	SRP-E40-60-60	LED SON Retrofit Corn Lamp 60W 4500K	LED SON 60W 4500K	Energys Group Limited
LIG67179	SRP-E40-45-80	LED SON Retrofit Corn Lamp 80W 6000K	LED SON 80W 6000K	Energys Group Limited
LIG67180	SRP-E40-60-80	LED SON Retrofit Corn Lamp 80W 4500K	LED SON 80W 4500K	Energys Group Limited
LIG67181	SRP-E40-45-100	LED SON Retrofit Corn Lamp 100W 6000K	LED SON 100W 6000K	Energys Group Limited
LIG67182	SRP-E40-60-100	LED SON Retrofit Corn Lamp 100W 4500K	LED SON 100W 4500K	Energys Group Limited
LIG67183	2D-60-009-SD	2D LED Retrofit 4000K	2D LED Retrofit 4000K	Energys Group Limited
LIG67184	2D-45-009-SD	2D LED Retrofit 6000K	2D LED Retrofit 6000K	Energys Group Limited
LIG67185	SDL-303-840- R01	LED Ultra Slim Downlight Round 90mm 4000K	LED Downlight Round 90mm 4000K	Energys Group Limited
LIG67186	SDL-405-840- R01	LED Ultra Slim Downlight Round 105mm 4000K	LED Downlight Round 105mm 4000K	Energys Group Limited
LIG67187	SDL-506-840- R01	LED Ultra Slim Downlight Round 130mm 4000K	LED Downlight Round 130mm 4000K	Energys Group Limited
LIG67188	SDL-609-840- R01	LED Ultra Slim Downlight Round 150mm 4000K	LED Downlight Round 150mm 4000K	Energys Group Limited
LIG67189	SDL-712-840- R01	LED Ultra Slim Downlight Round 170mm 4000K	LED Downlight Round 170mm 4000K	Energys Group Limited

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
LIG67190	SDL-815-840-R01	LED Ultra Slim Downlight Round 200mm 4000K	LED Downlight Round 200mm 4000K	Energys Group Limited
LIG67191	SDL-918-840-R01	LED Ultra Slim Downlight Round 280mm 4000K	LED Downlight Round 280mm 4000K	Energys Group Limited
LIG67192	SDL-405-840-S01	LED Ultra Slim Downlight Square 100mm 4000K	LED Downlight Square 100mm 4000K	Energys Group Limited
LIG67193	SDL-506-840-S01	LED Ultra Slim Downlight Square 130mm 4000K	LED Downlight Square 130mm 4000K	Energys Group Limited
LIG67194	SDL-609-840-S01	LED Ultra Slim Downlight Square 150mm 4000K	LED Downlight Square 150mm 4000K	Energys Group Limited
LIG67195	SDL-712-840-S01	LED Ultra Slim Downlight Square 170mm 4000K	LED Downlight Square 170mm 4000K	Energys Group Limited
LIG67196	SDL-815-840-S01	LED Ultra Slim Downlight Square 200mm 4000K	LED Downlight Square 200mm 4000K	Energys Group Limited
LIG67197	SDL-918-840-S01	LED Ultra Slim Downlight Square 280mm 4000K	LED Downlight Square 280mm 4000K	Energys Group Limited
LIG67198	1x2 PRO-840-W01-18W	LED Panel 300 x 600mm 18W 4000K	LED Panel 300 x 600mm 18W 4000K	Energys Group Limited
LIG67199	1x2 PRO-840-W01-36W	LED Panel 300 x 600mm 36W 4000K	LED Panel 300 x 600mm 36W 4000K	Energys Group Limited
LIG67200	1x4 PRO-840-W01-36W	LED Panel 300 x 1200mm 36W 4000K	LED Panel 300 x 1200mm 36W 4000K	Energys Group Limited
LIG67201	1x4 PRO-840-W01-72W	LED Panel 300 x 1200mm 72W 4000K	LED Panel 300 x 1200mm 72W 4000K	Energys Group Limited
LIG67202	1x5 PRO-840-W01-48W	LED Panel 300 x 1500mm 48W 4000K	LED Panel 300 x 1500mm 48W 4000K	Energys Group Limited
LIG67203	1x5 PRO-840-W01-72W	LED Panel 300 x 1500mm 72W 4000K	LED Panel 300 x 1500mm 72W 4000K	Energys Group Limited
LIG67204	1x6 PRO-840-W01-60W	LED Panel 300 x 1800mm 60W 4000K	LED Panel 300 x 1800mm 60W 4000K	Energys Group Limited
LIG67205	1x6 PRO-840-W01-90W	LED Panel 300 x 1800mm 90W 4000K	LED Panel 300 x 1800mm 90W 4000K	Energys Group Limited
LIG67206	2x2 PRO-840-W01-36W	LED Panel 595 x 595mm 36W 4000K	LED Panel 595 x 595mm 36W 4000K	Energys Group Limited
LIG67207	2x4 PRO-840-W01-60W	LED Panel 595 x 1195mm 60W 4000K	LED Panel 595 x 1195mm 60W 4000K	Energys Group Limited
LIG67208	SDL-405-840-R02	LED Ultra Slim Wall Light Round 120mm 4000K	LED Wall Light Round 120mm 4000K	Energys Group Limited

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG67209	SDL-606-840-R02	LED Ultra Slim Wall Light Round 180mm 4000K	LED Wall Light Round 180mm 4000K	Energys Group Limited
LIG67210	SDL-809-840-R02	LED Ultra Slim Wall Light Round 240mm 4000K	LED Wall Light Round 240mm 4000K	Energys Group Limited
LIG67211	SDL-A12-840-R02	LED Ultra Slim Wall Light Round 300mm 4000K	LED Wall Light Round 300mm 4000K	Energys Group Limited
LIG67212	SDL-405-840-S02	LED Ultra Slim Wall Light Square 120mm 4000K	LED Wall Light Square 120mm 4000K	Energys Group Limited
LIG67213	SDL-606-840-S02	LED Ultra Slim Wall Light Square 180mm 4000K	LED Wall Light Square 180mm 4000K	Energys Group Limited
LIG67214	SDL-809-840-S02	LED Ultra Slim Wall Light Square 240mm 4000K	LED Wall Light Square 240mm 4000K	Energys Group Limited
LIG67215	SDL-A12-840-S02	LED Ultra Slim Wall Light Square 300mm 4000K	LED Wall Light Square 300mm 4000K	Energys Group Limited
LIG67216	STL-027-740-N01	LED Street Light 27W 4000K	LED Street Light 27W 4000K	Energys Group Limited
LIG67217	STL-027-757-N01	LED Street Light 27W 5700K	LED Street Light 27W 5700K	Energys Group Limited
LIG67218	STL-054-740-N01	LED Street Light 54W 4000K	LED Street Light 54W 4000K	Energys Group Limited
LIG67219	STL-054-757-N01	LED Street Light 54W 5700K	LED Street Light 54W 5700K	Energys Group Limited
LIG67220	STL-081-740-N01	LED Street Light 81W 4000K	LED Street Light 81W 4000K	Energys Group Limited
LIG67221	STL-081-757-N01	LED Street Light 81W 5700K	LED Street Light 81W 5700K	Energys Group Limited
LIG67222	STL-108-740-N01	LED Street Light 108W 4000K	LED Street Light 108W 4000K	Energys Group Limited
LIG67223	STL-108-757-N01	LED Street Light 108W 5700K	LED Street Light 108W 5700K	Energys Group Limited
LIG67224	STL-135-740-N01	LED Street Light 135W 4000K	LED Street Light 135W 4000K	Energys Group Limited
LIG67225	STL-135-757-N01	LED Street Light 135W 5700K	LED Street Light 135W 5700K	Energys Group Limited
LIG67226	STL-162-740-N01	LED Street Light 162W 4000K	LED Street Light 162W 4000K	Energys Group Limited
LIG67227	STL-162-757-N01	LED Street Light 162W 5700K	LED Street Light 162W 5700K	Energys Group Limited

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
LIG67228	STL-189-740-N01	LED Street Light 189W 4000K	LED Street Light 189W 4000K	Energys Group Limited
LIG67229	STL-189-757-N01	LED Street Light 189W 5700K	LED Street Light 189W 5700K	Energys Group Limited
LIG67230	FDL-010-840-N01	LED Floodlight 10W 4000K	LED Floodlight 10W 4000K	Energys Group Limited
LIG67231	FDL-010-860-N01	LED Floodlight 10W 6000K	LED Floodlight 10W 6000K	Energys Group Limited
LIG67232	FDL-030-840-N01	LED Floodlight 30W 4000K	LED Floodlight 30W 4000K	Energys Group Limited
LIG67233	FDL-030-860-N01	LED Floodlight 30W 6000K	LED Floodlight 30W 6000K	Energys Group Limited
LIG67234	FDL-050-840-N01	LED Floodlight 50W 4000K	LED Floodlight 50W 4000K	Energys Group Limited
LIG67235	FDL-050-860-N01	LED Floodlight 50W 6000K	LED Floodlight 50W 6000K	Energys Group Limited
LIG67236	FDL-080-840-N01	LED Floodlight 80W 4000K	LED Floodlight 80W 4000K	Energys Group Limited
LIG67237	FDL-080-860-N01	LED Floodlight 80W 6000K	LED Floodlight 80W 6000K	Energys Group Limited
LIG67238	FDL-100-840-N01	LED Floodlight 100W 4000K	LED Floodlight 100W 4000K	Energys Group Limited
LIG67239	FDL-100-860-N01	LED Floodlight 100W 6000K	LED Floodlight 100W 6000K	Energys Group Limited
LIG67240	HBP-060-840-N02	LED High Bay 60W Frosted Lens 4000K	LED High Bay 60W 4000K Frosted Lens	Energys Group Limited
LIG67241	HBP-060-860-N02	LED High Bay 60W Frosted Lens 6000K	LED High Bay 60W 6000K Frosted Lens	Energys Group Limited
LIG67242	HBP-100-840-N02	LED High Bay 100W Frosted Lens 4000K	LED High Bay 100W 4000K Frosted Lens	Energys Group Limited
LIG67243	HBP-100-860-N02	LED High Bay 100W Frosted Lens 6000K	LED High Bay 100W 6000K Frosted Lens	Energys Group Limited
LIG67244	HBP-130-840-N02	LED High Bay 130W Frosted Lens 4000K	LED High Bay 130W 4000K Frosted Lens	Energys Group Limited
LIG67245	HBP-130-860-N02	LED High Bay 130W Frosted Lens 6000K	LED High Bay 130W 6000K Frosted Lens	Energys Group Limited
LIG67246	HBP-160-840-N02	LED High Bay 160W Frosted Lens 4000K	LED High Bay 160W 4000K Frosted Lens	Energys Group Limited

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
LIG67247	HBP-160-860-N02	LED High Bay 160W Frosted Lens 6000K	LED High Bay 160W 6000K Frosted Lens	Energys Group Limited
LIG67248	HBP-200-840-N02	LED High Bay 200W Frosted Lens 4000K	LED High Bay 200W 4000K Frosted Lens	Energys Group Limited
LIG67249	HBP-200-860-N02	LED High Bay 200W Frosted Lens 6000K	LED High Bay 200W 6000K Frosted Lens	Energys Group Limited
LIG66860	TP-60-20W	Tri-Proof 20W	20W linear LED fitting	UrbanVolt
LIG66861	TP-120-40W	Tri-Proof 40W	40W Linear LED fitting	UrbanVolt

”

5. Part 4 of Schedule 2 of the Principal Order is amended by inserting the following:

“

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
LCO68597	GEFLPIR	GEFL Flush Mounted PIR Movement Sensor	A low profile, flush mounted movement sensor that provides auto on/auto off switching.	CP Electronics
LCO68598	GESM	GESM Surface Mounted PIR Movement Sensor	GESM Surface Mounted PIR Movement Sensor	CP Electronics
LCO68599	PDS	PIR No Neutral Movement Sensor	An established, low cost, quick-fit movement sensor. This sensor does not require a neutral connection so it can quickly replace an existing light switch.	CP Electronics
LCO68600	EBMPIR MB	Miniature PIR Presence Detector EBMPIR MB	The EBMINT series of miniature PIR presence detectors provide automatic control of lighting loads with optional manual control using an infrared handset. It is specifically designed for mounting onto a lamp or louvre (using the louvre fitting bracket).	CP Electronics
LCO68601	MWS6 PRM	MWS6 PRM	Flush mounted mid-range microwave detector	CP Electronics

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
LCO68602	MWS3A PRM	Adjustable Ceiling microwave presence/absence detector	MW3SA offers a unique presence/absence detection capability by using an adjustable head. This incorporates an innovative locking mechanism to prevent tampering. By changing the angle of the head, different detection patterns can be achieved to suit the application. An integral sensitivity adjustment allows the detector to be fine-tuned to its environment.	CP Electronics
LCO68603	EBM Mint PRM	EBMMin PRM Retro Fit Mounted Lamp PIR	Clip on T8T5 mounted lamp PIR	CP Electronics

”

6. Part 3 of Schedule 2 of the Principal Order is amended by inserting the following:

“

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
BEM67436	C3	Carbon Control Centre	Cloud based energy efficiency management and monitoring service	Crowley Carbon
BEM68233	DCS-SE	Smart-E	DCS-SE Smart-E is a Smart-Energy control device, which allows customers to control and schedule their energy usage through a LAN connection or remote device.	DCS Group
BEM68466	Heat Genius Control System	Heat Genius	Heat Genius is a smart control and energy management system for buildings. It controls wet and electric heating systems.	Heat Genius Ltd.

”

7. Part 9 of Schedule 2 of the Principal Order is amended by inserting the following:

“

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
HRE68510	90HSEXLN	90RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68511	105HSEXLN	105RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68512	125HSEXLN	125RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68513	145HSEXLN	145RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68514	155HSEXLN	155RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68515	175HELN	175RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68516	190XELN	190RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68517	205XELN	205RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68518	245HSEXLN	245RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68519	250HSEXLN	250RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68520	280HSEXLN	280RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68521	310HSEXLN	310RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68522	350HSEXLN	350RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68523	380HSEXLN	380RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68524	410HSEXLN	410RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited
HRE68525	450XELN	450RTAF	Air Cooled Helical Rotary Air Cooled Chiller	Trane Ireland Limited

”

8. Part 12 of Schedule 2 of the Principal Order is amended by inserting the following:

“

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
UPS68432	PowerWAVE 9000DPA	PowerWAVE 9000DPA (Modular up to 250kVA)	Modular up to 250kVA UPS (Uninterruptible Power Supply)	Newave (ABB)
UPS68433	PowerWAVE 9500DPA	PowerWAVE 9500DPA (Modular up to 500kW)	Modular up to 500kW UPS (Uninterruptible Power Supply)	Newave (ABB)
UPS68355	MST 30	Riello Multi Sentry MST 30	30kVA (27kW) UPS (Uninterruptible Power Supply)	Riello UPS
UPS68356	MST 40	Riello Multi Sentry MST 40	40kVA (36kW) UPS (Uninterruptible Power Supply)	Riello UPS
UPS68357	MST 125	Riello Multi Sentry MST 125	125kVA (112.5kW) UPS (Uninterruptible Power Supply)	Riello UPS
UPS68358	MST 160	Riello Multi Sentry MST 160	160kVA (160kW) UPS (Uninterruptible Power Supply)	Riello UPS
UPS68359	MST 200	Riello Multi Sentry MST 200	200kVA (200kW) UPS (Uninterruptible Power Supply)	Riello UPS
UPS68369	MPW 42 — 294 (Modular)	Riello Multi Power MPW (Modular 42-294kVA)	42kVA (42kW) — 294kVA (294kW) UPS (Uninterruptible Power Supply)	Riello UPS

”

9. Part 13 of Schedule 2 of the Principal Order is amended by inserting the following:

“

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
CGE68777	516-OE	Dachs G5.5 Gen 1.1	5.5KW Gas Fired Micro CHP	SenerTec GmbH
CGE67745	LoadTracker XRGI 15	XRGI 15	Outputs: 7.5 - 15 kWe and 20.6-30.6 kWth. LoadTracker is able to track site demand and automatically	EC Power

”

10. Part 15 of Schedule 2 of the Principal Order is amended by inserting the following:

“

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
HWG67859	B2HA812	45kW Vitodens 200-W	45kW Wall mounted gas condensing boiler with modulating MatriX cylinder burner for natural gas or LPG.	Viessmann
HWG67860	B2HA813	60kW Vitodens 200-W	60kW Wall mounted gas condensing boiler with modulating MatriX cylinder burner for natural gas or LPG.	Viessmann
HWG67861	B2HA814	80kW Vitodens 200-W	80kW Wall mounted gas condensing boiler with modulating MatriX cylinder burner for natural gas or LPG.	Viessmann
HWG67862	B2HA815	100kW Vitodens 200-W	100kW Wall mounted gas condensing boiler with modulating MatriX cylinder burner for natural gas or LPG.	Viessmann
HWG67863	B2HA013	125kW Vitodens 200-W	125kW Wall mounted gas condensing boiler with modulating MatriX cylinder burner for natural gas or LPG.	Viessmann
HWG67864	B2HA014	150kW Vitodens 200-W	150kW Wall mounted gas condensing boiler with modulating MatriX cylinder burner for natural gas or LPG.	Viessmann

”

11. Part 18 of Schedule 2 of the Principal Order is amended by inserting the following:

“

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
PSY67867	STP285S-20/Web	Suntech	Full Black Mono Solar Panels with 285w output	Wuxi Suntech Power Co., Ltd
PSY67870	JAP6(SE)-60/265/4BB	JAP6(SE)-60/265/4BB	Smart Poly Module	ja solar
PSY67871	JAP6(SE)-60/270/4BB	JAP6(SE)-60/270/4BB	Smart Poly Module	ja solar
PSY67873	JAP6(SE)-60/275/4BB/RE	JAP6(SE)-60/275/4BB/RE	Smart high efficiency module	ja solar
PSY67874	SRP-250-6PB	Seraphim	250W Poly PV Panel	Seraphim

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
PSY67841	TSM-DC05A.82	Trina Smart 275w	Optimised 275w monocrystalline Solar PV module	Trina Solar
PSY68130	PA-ID_10609	2Power HM 1000 Mono Black	Is a PVT- Module that produces electricity and heat as well	PA-ID PROCESS GmbH
PSY67916	TSM-275DD05A.05 (II)	TRINA SOLAR 275W MONO FULL BLACK	TRINA SOLAR 270W HONEY M MONO FULL BLACK PV MODULE	Trina Solar
PSY67917	TSM-260PC05A	TRINA SOLAR 260W POLY	TRINA SOLAR 260W POLY PV MODULE	Trina Solar
PSY67919	WSP-295 M6 PERC	WINAICO 295W MONO FULL BLACK PERC SOLAR PV PANEL	WINAICO 295W MONO FULL BLACK PERC SOLAR PV PANEL	Winaico
PSY67920	SSMONO25AB	SunSolar 255w Mono Black	SunSolar Sterling Mono black 255w	SunSolar
PSY67707	UP-M250P	UP-M250P	UPSOLAR UP-M250P POLY-CHRYSTALINE MODULE	Upsolar
PSY67708	UP-M255P	UP-M255P	UPSOLAR UP-M255P POLY-CHRYSTALINE MODULE	Upsolar
PSY67710	UP-M265P	UP-M265P	UPSOLAR UP-M265P POLY-CHRYSTALINE MODULE	Upsolar
PSY67711	PLM-250MB-60	PERLIGHT 250W DELTA MONO BLACK	PERLIGHT 250W DELTA MONO BLACK	Perlight Solar
PSY67713	PLM-265MB-60	PERLIGHT 265W DELTA MONO BLACK	PERLIGHT 265W DELTA MONO BLACK	Perlight Solar
PSY67714	PLM-270MB-60	PERLIGHT 270W DELTA MONO BLACK	PERLIGHT 270W DELTA MONO BLACK	Perlight Solar
PSY67715	WSY-245P6	WINAICO WSP-245P6 POLY-CHRYSTALINE HIGH PERFORMANCE MODULE	WINAICO WSP-245P6 POLY-CHRYSTALINE HIGH PERFORMANCE PANEL	Winaico
PSY67716	WSP-250P6	WINAICO WSP-250P6 POLY-CHRYSTALINE HIGH PERFORMANCE MODULE	WINAICO WSP-250P6 POLY-CHRYSTALINE HIGH PERFORMANCE MODULE	Winaico
PSY67717	WSP-255P6	WINAICO WSP-255P6 POLY-CHRYSTALINE HIGH PERFORMANCE MODULE	WINAICO WSP-255P6 POLY-CHRYSTALINE HIGH PERFORMANCE MODULE	Winaico

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
PSY67718	WSP-260P6	WINAICO WSP-260P6 POLY-CHRYSTALINE HIGH PERFORMANCE MODULE	WINAICO WSP-260P6 POLY-CHRYSTALINE HIGH PERFORMANCE MODULE	Winaico
PSY67719	WSP-285M6	WINAICO WSP-285M6 PERC MONO-CHRYSTALINE HIGH PERFORMANCE MODULE	WINAICO WSP-285M6 PERC MONO-CHRYSTALINE HIGH PERFORMANCE MODULE	Winaico
PSY67721	WSP-295M6	WINAICO WSP-295M6 PERC MONO-CHRYSTALINE HIGH PERFORMANCE MODULE	WINAICO WSP-295M6 PERC MONO-CHRYSTALINE HIGH PERFORMANCE MODULE	Winaico
PSY67722	WSP-300M6	WINAICO WSP-300M6 PERC MONO-CHRYSTALINE HIGH PERFORMANCE MODULE	WINAICO WSP-300M6 PERC MONO-CHRYSTALINE HIGH PERFORMANCE MODULE	Winaico
PSY68778	ELDORA VSP.60.255.03	Vikram Solar ELDORA Ultima 255	255 Wp 60 cell 4 busbar polycrystalline	Vikram Solar
PSY68779	ELDORA VSP.60.260.03	Vikram Solar ELDORA Ultima 260	260 Wp 60 cell 4 busbar polycrystalline	Vikram Solar
PSY68780	ELDORA VSP.60.265.03	Vikram Solar ELDORA Ultima 265	265 Wp 60 cell 4 busbar polycrystalline	Vikram Solar
PSY68781	ELDORA VSP.60.270.03	Vikram Solar ELDORA Ultima 270	270 Wp 60 cell 4 busbar polycrystalline	Vikram Solar
PSY68783	ELDORA VSP.60.270.04	Vikram Solar ELDORA Neo60 270	270 Wp 60 cell 4 busbar polycrystalline PERC	Vikram Solar
PSY68784	ELDORA VSP.60.275.04	Vikram Solar ELDORA Neo60 275	275 Wp 60 cell 4 busbar polycrystalline PERC	Vikram Solar
PSY68786	ELDORA VSP.60.285.04	Vikram Solar ELDORA Neo60 285	285 Wp 60 cell 4 busbar polycrystalline PERC	Vikram Solar
PSY68787	ELDORA VSP.72.300.03	Vikram Solar ELDORA Ultima 300	300 Wp 72 cell 4 busbar polycrystalline	Vikram Solar
PSY68789	ELDORA VSP.72.310.03	Vikram Solar ELDORA Ultima 310	310 Wp 72 cell 4 busbar polycrystalline	Vikram Solar
PSY68790	ELDORA VSP.72.315.03	Vikram Solar ELDORA Ultima 315	315 Wp 72 cell 4 busbar polycrystalline	Vikram Solar
PSY68792	ELDORA VSP.72.325.03	Vikram Solar ELDORA Ultima 325	325 Wp 72 cell 4 busbar polycrystalline	Vikram Solar

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
PSY68793	ELDORA VSP.72.330.04	Vikram Solar ELDORA Neo 72 330	330 Wp 72 cell 3 busbar polycrystalline PERC	Vikram Solar
PSY68795	ELDORA VSP.72.340.04	Vikram Solar ELDORA Neo 72 340	340 Wp 72 cell 3 busbar polycrystalline PERC	Vikram Solar
PSY68796	ELDORA VSP.72.345.04	Vikram Solar ELDORA Neo 72 345	345 Wp 72 cell 3 busbar polycrystalline PERC	Vikram Solar
PSY66200	CS6P - 250P	Canadian Solar CS6P - 250P	250W polycrystalline Solar Panel	Canadian solar
PSY67720	WSP-290M6	WINAICO WSP- 290M6 PERC MONO- CHRYSTALINE HIGH PERFORMANCE MODULE	WINAICO WSP- 290M6 PERC MONO- CHRYSTALINE HIGH PERFORMANCE MODULE	Winaico
PSY68118	PS250M 20/U	Phono solar 250W	Solar PV module	Phono Solar
PSY68533	PLM-260-P-60	2Perlight Solar PLM Series	Poly Crystalline 260 w 60 cell solar panel	Perlight Solar
PSY68536	PLM-250-M-60	5Perlight Solar PLM Series	Mono Crystalline 250 w 60 cell solar panel	Perlight Solar
PSY68553	NU-RD 280	22Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Mono280w60cell	Perlight Solar
PSY68556	ND-RC 260	25Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Poly260w60cell	Perlight Solar
PSY68782	ELDORA VSP.60.275.03	Vikram Solar ELDORA Ultima 275	275 Wp 60 cell 4 busbar polycrystalline	Vikram Solar
PSY68785	ELDORA VSP.60.280.04	Vikram Solar ELDORA Neo60 280	280 Wp 60 cell 4 busbar polycrystalline PERC	Vikram Solar
PSY67586	AS6P30-255w	UKSOL Solar PV Module	60 Cell 255w Poly Solar Panel	UKSOL Ltd
PSY67706	UP-M245P	UP-M245P	UPSOLAR UP- M245P POLY- CHRYSTALINE MODULE	Upsolar
PSY67709	UP-M260P	UP-M260P	UPSOLAR UP- M260P POLY- CHRYSTALINE MODULE	Upsolar
PSY67712	PLM-260MB-60	PERLIGHT 260W DELTA MONO BLACK	PERLIGHT 260W DELTA MONO BLACK	Perlight Solar
PSY67872	JAP6(SE)- 60/270/4BB/RE	JAP6(SE)- 60/270/4BB/RE	Smart high efficiency poly module	ja solar
PSY67915	TSM- DC05A.052	Trina Smart 265	Optimised 265w all black monocrystalline solar pv module	Trina Solar

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
PSY67918	TSM-270DD05A.05 (II)	TRINA SOLAR 270W MONO FULL BLACK	TRINA SOLAR 270W Honey M MONO FULL BLACK PV Module	Trina Solar
PSY68121	FU 280M	FU Mono 280M	280WP Monocrystalline modules	Futurasun
PSY68539	PLM-265-M-60	8Perlight Solar PLM Series	Mono Crystalline 265 w 60 cell solar panel	Perlight Solar
PSY68542	PLM-300-M-60	11Perlight Solar PLM Series	Mono Crystalline 300 w 60 cell solar panel	Perlight Solar
PSY68559	perc 310 -60	28Perlight Solar TOP Series	Perc Mono Bi-facial Monocrystalline 310w 60 cell solar panel	Perlight Solar
PSY68665	REC265TP	REC 265W TP	265W Poly PV Solar Panel	REC Solar AS
PSY68668	REC280TP	REC 280W TP	280W Poly PV Solar Panel	REC Solar AS
PSY68788	ELDORA VSP.72.305.03	Vikram Solar ELDORA Ultima 305	305 Wp 72 cell 4 busbar polycrystalline	Vikram Solar
PSY68791	ELDORA VSP.72.320.03	Vikram Solar ELDORA Ultima 320	320 Wp 72 cell 4 busbar polycrystalline	Vikram Solar
PSY68794	ELDORA VSP.72.335.04	Vikram Solar ELDORA Neo 72 335	335 Wp 72 cell 3 busbar polycrystalline PERC	Vikram Solar
PSY68532	PLM -250-P-60	1Perlight Solar PLM Series	Poly Crystalline 250 w 60 cell solar panel	Perlight Solar
PSY68534	PLM-275-P-60	3Perlight Solar PLM Series	Poly Crystalline 275 w 60 cell solar panel	Perlight Solar
PSY68535	PLM-255-P-60	4Perlight Solar PLM Series	Poly Crystalline 255 w 60 cell solar panel	Perlight Solar
PSY68537	PLM-255-M-60	6Perlight Solar PLM Series	Mono Crystalline 255 w 60 cell solar panel	Perlight Solar
PSY68538	PLM-260-M-60	7Perlight Solar PLM Series	Mono Crystalline 260 w 60 cell solar panel	Perlight Solar
PSY68540	PLM-270-M-60	9Perlight Solar PLM Series	Mono Crystalline 270 w 60 cell solar panel	Perlight Solar
PSY68541	PLM-285-M-60	10Perlight Solar PLM Series	Mono Crystalline 285 w 60 cell solar panel	Perlight Solar
PSY68543	PLM-250-M-54	12Perlight Solar PLM Series	Mono Crystalline 250 w 54 cell solar panel	Perlight Solar
PSY68544	PLM-255-M-54	13Perlight Solar PLM Series	Mono Crystalline 255 w 54 cell solar panel	Perlight Solar
PSY68545	perc 300 -60	14Perlight Solar TOP Series	Perc Mono Bifacial Monocrystalline 300w 60 cell solar panel	Perlight Solar
PSY68546	NU-RC 300	15Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Mono280w60cell	Perlight Solar

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
PSY68547	NU-RC 290	16Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Mono290w60cell	Perlight Solar
PSY68548	NU-RJ 285	17Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Mono285w60cell	Perlight Solar
PSY68549	NU-RJ 280	18Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Mono280w60cell	Perlight Solar
PSY68550	NU-RD 295	19Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Mono295w60cell	Perlight Solar
PSY68551	NU-RD 290	20Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Mono290w60cell	Perlight Solar
PSY68552	NU-RD 285	21Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Mono285w60cell	Perlight Solar
PSY68554	NU-RD 260	23Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Mono260w60cell	Perlight Solar
PSY68555	ND-RJ 265	24Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Poly265w60cell	Perlight Solar
PSY68557	ND-RC 255	26Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Poly255w60cell	Perlight Solar
PSY68558	ND-RC 250	27Sharp Electronics (Europe)ltd N Series Solar	Sharp Electronics (Europe)N Series Poly250w60cell	Perlight Solar
PSY68560	perc 320 60	29Perlight Solar TOP Series	Perc Mono Bi-facial Monocrystalline 320w 60 cell solar panel	Perlight Solar
PSY66198	SW 250W Poly	Solarworld AG Sunmodule plus SW 250W	250W Polycrystalline Solar Panel	Solarworld
PSY66199	SW 250W Mono Black	Solarworld AG Sunmodule plus SW 250W Mono	250W monocrystalline Solar Panel (Black)	Solarworld
PSY68109	SF170-S CIS Black	Solar Frontier SF170 Thin Film CIS Powermodule	Solar Frontier's Light Soaking CIS Powermodule operates in low light conditions.	Solar Frontier K.K.
PSY68119	FU260P	FU Poly 260P	260WP Polycrystalline modules	Futurasun
PSY68120	FU265M	FU Mono 265M	265WP Monocrystalline modules	Futurasun

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
PSY68122	FU290M	FU Mono 290M	290WP Monocrystalline modules	Futurasun
PSY68666	REC270TP	REC 270W TP	270W Poly PV Solar Panel	REC Solar AS
PSY68667	REC275TP	REC 275W TP	275W Poly PV Solar Panel	REC Solar AS

”

12. Part 24 of Schedule 2 of the Principal Order is amended by inserting the following:

“

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
PUM67947	2159314	IL-E40/170-5,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67948	2159313	IL-E40/200-7,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67949	2153668	IL-E40/220-11/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67950	2159316	IL-E50/160-5,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67951	2159317	IL-E50/170-7,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67952	2159318	IL-E50/180-7,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67953	2153669	IL-E50/210-11/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67954	2153670	IL-E50/220-15/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67955	2159319	IL-E65/150-5,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67956	2159320	IL-E65/160-7,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67957	2153671	IL-E65/170-11/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67958	2153672	IL-E65/200-15/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67959	2153673	IL-E65/210-18,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
PUM67960	2153674	IL-E65/220-22/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67961	2159321	IL-E80/130-5,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67962	2159322	IL-E80/140-7,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67963	2159323	IL-E80/150-7,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67964	2153675	IL-E80/160-11/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67965	2153676	IL-E80/170-15/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67966	2153677	IL-E80/190-18,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67967	2153678	IL-E80/200-22/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67968	2083004	IL-E100/250-7,5/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67969	2153679	IL-E100/145-11/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67970	2153680	IL-E100/150-15/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67971	2153681	IL-E100/160-18,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67972	2153682	IL-E100/165-22/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67973	2153683	IL-E100/270-11/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67974	2083008	IL-E150/190-5,5/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67975	2083009	IL-E150/200-7,5/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67976	2153688	IL-E200/240-15/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67977	2153689	IL-E200/250-18,5/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67978	2153690	IL-E200/260-22/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
PUM67979	2159410	DL-E40/170-5,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67980	2159411	DL-E40/200-7,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67981	2153806	DL-E40/220-11/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67982	2159412	DL-E50/160-5,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67983	2159413	DL-E50/170-7,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67984	2159414	DL-E50/180-7,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67985	2153807	DL-E50/210-11/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67986	2153808	DL-E50/220-15/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67987	2159415	DL-E65/150-5,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67988	2159416	DL-E65/160-7,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67989	2153809	DL-E65/170-11/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67990	2153810	DL-E65/200-15/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67991	2153811	DL-E65/210-18,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67992	2153812	DL-E65/220-22/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67993	2159418	DL-E80/140-7,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67994	2159419	DL-E80/150-7,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67995	2153814	DL-E80/170-15/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67996	2153815	DL-E80/190-18,5/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67997	2153816	DL-E80/200-22/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
PUM67998	2115545	DL-E100/220-5,5/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67999	2101957	DL-E100/250-7,5/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68000	2153817	DL-E100/145-11/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68001	2153818	DL-E100/150-15/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68002	2153820	DL-E100/165-22/2	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68003	2153821	DL-E100/270-11/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68004	2101958	DL-E125/210-5,5/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68005	2101959	DL-E125/220-7,5/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68006	2101960	DL-E150/190-5,5/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68007	2101961	DL-E150/200-7,5/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68008	2153822	DL-E150/220-11/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68009	2153823	DL-E150/250-15/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68010	2153824	DL-E150/260-18,5/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68011	2153825	DL-E150/270-22/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68012	2153826	DL-E200/240-15/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68013	2153827	DL-E200/250-18,5/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM68014	2153828	DL-E200/260-22/4	Variable Speed Inline Circulating Pump IE4 Rated Pump	Wilo SE
PUM67842	2158829	IP-E80/105-3/2	Variable Speed Inline Circulating Pump	Wilo SE
PUM67843	2158942	DP-E40/120-1.5/2	Variable Speed Inline Circulating Pump	Wilo SE

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
PUM67844	2158949	DP-E50/150-4/2	Variable Speed Inline Circulating Pump	Wilo SE
PUM67845	2158943	DP-E40/130-2.2/2	Variable Speed Inline Circulating Pump	Wilo SE
PUM67846	2158952	DP-E65/120-3/2	Variable Speed Inline Circulating Pump	Wilo SE
PUM67847	2158944	DP-E40/150-3/2	Variable Speed Inline Circulating Pump	Wilo SE
PUM67848	2153813	DL-E80/160-11/2	Variable Speed Inline Circulating Pump	Wilo SE
PUM67849	2159417	DL-E80/130-5.5/2	Variable Speed Inline Circulating Pump	Wilo SE

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13. Part 49 of Schedule 2 of the Principal Order is amended by inserting the following:

“

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
BBO67110	USF-S-100	USF-S-100	Vertical heat exchanger, underfeed combustion chamber, 10mm steel in combustion chamber, grate bars, automatic ignition, heat exchanger cleaning	Endress Feuerungen
BBO67111	USF-S-150	USF-S-150	Vertical heat exchanger, underfeed combustion chamber, 10mm steel in combustion chamber, grate bars, automatic ignition, heat exchanger cleaning	Endress Feuerungen
BBO67112	USF-S-200	USF-S-200	Vertical heat exchanger, underfeed combustion chamber, 10mm steel in combustion chamber, grate bars, automatic ignition, heat exchanger cleaning	Endress Feuerungen
BBO67113	USF-S-300	USF-S-300	Vertical heat exchanger, underfeed combustion chamber, 10mm steel in combustion chamber, grate bars, automatic ignition, heat exchanger cleaning	Endress Feuerungen

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
BBO67114	USF-W-250	USF-W-250	Horizontal heat exchanger, underfeed combustion chamber, 10mm steel in combustion chamber, grate bars, automatic ignition, heat exchanger cleaning	Endress Feuerungen
BBO67115	USF-W-350	USF-W-350	Horizontal heat exchanger, underfeed combustion chamber, 10mm steel in combustion chamber, grate bars, automatic ignition, heat exchanger cleaning	Endress Feuerungen
BBO67116	USF-W-500	USF-W-500	Horizontal heat exchanger, underfeed combustion chamber, 10mm steel in combustion chamber, grate bars, automatic ignition, heat exchanger cleaning	Endress Feuerungen
BBO67117	USF-W-800	USF-W-800	Horizontal heat exchanger, underfeed combustion chamber, 10mm steel in combustion chamber, grate bars, automatic ignition, heat exchanger cleaning	Endress Feuerungen
BBO67118	USF-W-1000	USF-W-1000	Horizontal heat exchanger, underfeed combustion chamber, 10mm steel in combustion chamber, grate bars, automatic ignition, heat exchanger cleaning	Endress Feuerungen
BBO67119	VR-S-150	VR-S-150	Vertical heat exchanger, grate firing system, 10mm steel in combustion chamber, grate bars, automatic ignition, heat exchanger cleaning	Endress Feuerungen
BBO67120	VR-S-200	VR-S-200	Vertical heat exchanger, grate firing system, 10mm steel in combustion chamber, grate bars, automatic ignition, heat exchanger cleaning	Endress Feuerungen
BBO67121	VR-S-300	VR-S-300	Vertical heat exchanger, grate firing system, 10mm steel in combustion chamber, grate bars, automatic ignition, heat exchanger cleaning	Endress Feuerungen

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
BBO67587	BioFire 500	Herz BioFire 500	BioFire is the answer for large properties. Cascade connection enables projects up to 4000kW. Modular Design. Fast installation. Low thermal mass. High power to mass ratio. Automatic cleaning.	Herz Energietechnik GmbH
BBO67588	BioFire 600	Herz BioFire 600	BioFire is the answer for large properties. Cascade connection enables projects up to 4000kW. Modular Design. Fast installation. Low thermal mass. High power to mass ratio. Automatic cleaning.	Herz Energietechnik GmbH
BBO67589	BioFire 800	Herz BioFire 800	BioFire is the answer for large properties. Cascade connection enables projects up to 4000kW. Modular Design. Fast installation. Low thermal mass. High power to mass ratio. Automatic cleaning.	Herz Energietechnik GmbH
BBO67590	BioFire 1000	Herz BioFire 1000	BioFire is the answer for large properties. Cascade connection enables projects up to 4000kW. Modular Design. Fast installation. Low thermal mass. High power to mass ratio. Automatic cleaning.	Herz Energietechnik GmbH
BBO67591	BioFire 1250	Herz BioFire 1250	BioFire is the answer for large properties. Cascade connection enables projects up to 4000kW. Modular Design. Fast installation. Low thermal mass. High power to mass ratio. Automatic cleaning.	Herz Energietechnik GmbH
BBO67592	BioFire 1500	Herz BioFire 1500	BioFire is the answer for large properties. Cascade connection enables projects up to 4000kW. Modular Design. Fast installation. Low thermal mass. High power to mass ratio. Automatic cleaning.	Herz Energietechnik GmbH

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
BBO67593	Firematic 60	Herz Firematic 60	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67594	Firematic 80	Herz Firematic 80	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67595	Firematic 100	Herz Firematic 100	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67596	Firematic 101	Herz Firematic 101	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67597	Firematic 130	Herz Firematic 130	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67598	Firematic 149	Herz Firematic 149	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
BBO67599	Firematic 151	Herz Firematic 151	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67600	Firematic 180	Herz Firematic 180	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67601	Firematic 199	Herz Firematic 199	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67602	Firematic 201	Herz Firematic 201	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67603	Firematic 249	Herz Firematic 249	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67604	Firematic 251	Herz Firematic 251	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
BBO67605	Firematic 299	Herz Firematic 299	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67606	Firematic 301	Herz Firematic 301	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67607	Firematic 349	Herz Firematic 349	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67608	Firematic 401	Herz Firematic 401	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67609	Firematic 499	Herz Firematic 499	Firematic provides economical and convenient heating. Energy saving drive technology. Simple operation. Consistently high efficiency factor. Compact design. High quality materials. Automatic cleaning.	Herz Energietechnik GmbH
BBO67610	Pelletstar60	Herz Pelletstar60	Pelletstar provides convenient, high efficiency heating. Automatic operation. Automatic cleaning. High safety. Efficient insulation. Automatic pellet discharge. Compact design. High quality materials.	Herz Energietechnik GmbH
BBO66203	HACK 90kW	ETA HACK 90kW	90kW Wood chip boiler	ETA

14. Part 47 of Schedule 2 of the Principal Order is amended by inserting the following:

“

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
IOS67744	FGC 101 2845	Radio 2217	Radio 2217 is a multi-standard radio, supporting WCDMA and LTE. WCDMA carrier capacity of up to 6 carriers is supported or up to 40 MHz LTE.	LM Ericsson Ltd

”

15. Part 30 of Schedule 2 of the Principal Order is amended by inserting the following:

“

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
CCU67723	114X4261	OP-MPUM034MLP00G	Danfoss Optyma Plus New Generation Condensing Unit	Danfoss
CCU67724	114X4264	OP-MPUM034MLP00E	Danfoss Optyma Plus New Generation Condensing Unit	Danfoss
CCU67725	114X4281	OP-MPUM046MLP00G	Danfoss Optyma Plus New Generation Condensing Unit	Danfoss
CCU67726	114X4284	OP-MPUM046MLP00E	Danfoss Optyma Plus New Generation Condensing Unit	Danfoss
CCU67727	114X4308	OP-MPUM068MLP00G	Danfoss Optyma Plus New Generation Condensing Unit	Danfoss
CCU67728	114X4311	OP-MPUM068MLP00E	Danfoss Optyma Plus New Generation Condensing Unit	Danfoss
CCU67729	114X4321	OP-MPUM080MLP00G	Danfoss Optyma Plus New Generation Condensing Unit	Danfoss
CCU67730	114X4324	OP-MPUM080MLP00E	Danfoss Optyma Plus New Generation Condensing Unit	Danfoss
CCU67731	114X4344	OP-MPUM108MLP00E	Danfoss Optyma Plus New Generation Condensing Unit	Danfoss
CCU67732	114X4414	OP-MPUM125MLP00E	Danfoss Optyma Plus New Generation Condensing Unit	Danfoss
CCU67733	114X4434	OP-MPUM162MLP00E	Danfoss Optyma Plus New Generation Condensing Unit	Danfoss

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
CCU67734	114X7061	OP-MSUM034MLW05G	Danfoss Optyma Slim Pack Condensing Unit	Danfoss
CCU67735	114X7062	OP-MSUM034MLW05E	Danfoss Optyma Slim Pack Condensing Unit	Danfoss
CCU67736	114X7063	OP-MSUM046MLW05G	Danfoss Optyma Slim Pack Condensing Unit	Danfoss
CCU67737	114X7064	OP-MSUM046MLW05E	Danfoss Optyma Slim Pack Condensing Unit	Danfoss
CCU67738	114X7067	OP-MSUM068MLW05G	Danfoss Optyma Slim Pack Condensing Unit	Danfoss
CCU67739	114X7068	OP-MSUM068MLW05E	Danfoss Optyma Slim Pack Condensing Unit	Danfoss
CCU67740	114X7069	OP-MSUM080MLW05G	Danfoss Optyma Slim Pack Condensing Unit	Danfoss
CCU67741	114X7070	OP-MSUM080MLW05E	Danfoss Optyma Slim Pack Condensing Unit	Danfoss
CCU67742	114X7071	OP-MSUM099MLW05E	Danfoss Optyma Slim Pack Condensing Unit	Danfoss
CCU67743	114X7072	OP-MSUM108MLW05E	Danfoss Optyma Slim Pack Condensing Unit	Danfoss
CCU68132	2CES-3Y-40S	2CES-3Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68133	2CES-4Y-40S	2CES-4Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68134	2DES-2Y-40S	2DES-2Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68135	2DES-3Y-40S	2DES-3Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68136	2EES-2Y-40S	2EES-2Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68137	2FES-2Y-40S	2FES-2Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68138	4CES-6Y-40S	4CES-6Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68139	4CES-9Y-40S	4CES-9Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68140	4DES-5Y-40S	4DES-5Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68141	4DES-7Y-40S	4DES-7Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68142	4EES-4Y-40S	4EES-4Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68143	4EES-6Y-40S	4EES-6Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68144	4FE-25Y-40P	4FE-25Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68145	4FE-28Y-40P	4FE-28Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68146	4FE-35Y-40P	4FE-35Y-40P	Semi-hermetic Reciprocating Compressor	BITZER

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
CCU68147	4FES-3Y-40S	4FES-3Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68148	4FES-5Y-40S	4FES-5Y-40S	Semi-hermetic Reciprocating Compressor	BITZER
CCU68149	4GE-20Y-40P	4GE-20Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68150	4GE-23Y-40P	4GE-23Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68151	4GE-30Y-40P	4GE-30Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68152	4HE-15Y-40P	4HE-15Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68153	4HE-18Y-40P	4HE-18Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68154	4HE-25Y40P	4HE-25Y40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68155	4JE-13Y-40P	4JE-13Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68156	4JE-15Y-40P	4JE-15Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68157	4JE-22Y-40P	4JE-22Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68158	4NES-12Y-40P	4NES-12Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68159	4NES-14Y-40P	4NES-14Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68160	4NES-20Y-40P	4NES-20Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68161	4PES-10Y-40P	4PES-10Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68162	4PES-12Y-40P	4PES-12Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68163	4PES-15Y-40P	4PES-15Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68164	4TES-12Y-40P	4TES-12Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68165	4TES-8Y-40P	4TES-8Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68166	4TES-9Y-40P	4TES-9Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68167	4VES-10Y-40P	4VES-10Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68168	4VES-6Y-40P	4VES-6Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68169	4VES-7Y-40P	4VES-7Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68170	6FE-40Y-40P	6FE-40Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68171	6FE-44Y-40P	6FE-44Y-40P	Semi-hermetic Reciprocating Compressor	BITZER

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
CCU68172	6FE-50Y-40P	6FE-50Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68173	6GE-30Y-40P	6GE-30Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68174	6GE-34Y-40P	6GE-34Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68175	6GE-40Y-40P	6GE-40Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68176	6HE-25Y-40P	6HE-25Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68177	6HE-28Y-40P	6HE-28Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68178	6HE-35Y-40P	6HE-35Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68179	6JE-22Y-40P	6JE-22Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68180	6JE-25Y-40P	6JE-25Y-40P	Semi-hermetic Reciprocating Compressor	BITZER
CCU68181	6JE-33Y-40P	6JE-33Y-40P	Semi-hermetic Reciprocating Compressor	BITZER

”

16. Part 31 of Schedule 2 of the Principal Order is amended by inserting the following:

“

<b>Triple E Code</b>	<b>Product Code</b>	<b>Product Name</b>	<b>Short Description</b>	<b>Manufacturer</b>
RDC68303	RDG-1.25-L3z	RDG-1.25-L3z	1.25m 3M1 'No Defrost' multideck with double glazed doors	JBG-2 Sp. z o.o.
RDC68304	RDG-1.875-L3z	RDG-1.875-L3z	1.875m 3M1 'No Defrost' multideck with double glazed doors	JBG-2 Sp. z o.o.
RDC68305	RDG-2.5-L3z	RDG-2.5-L3z	2.5m 3M1 'No Defrost' multideck with double glazed doors	JBG-2 Sp. z o.o.
RDC68306	RDG-3.75-L3z	RDG-3.75-L3z	3.75m 3M1 'No Defrost' multideck with double glazed doors	JBG-2 Sp. z o.o.

”

17. Part 50 of Schedule 2 of the Principal Order is amended by inserting the following:

“

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
INV66417	SOL-0.7-MINI	Solis 0.7kW Mini Single Tracker	Solar PV Grid tied inverter with single tracker	Ginlong
INV66418	SOL-1.0-MINI	Solis 1.0kW Mini Single Tracker	Solar PV Grid tied inverter with single tracker	Ginlong

”

18. Part 52 of Schedule 2 of the Principal Order is amended by inserting the following:

“

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
HPU68129	11_	AirGO	hybrid heat pump that can use air and ground as energy sources	Jifon AB
HPU68509	25	Air Go 25	Heat pump using ground and air source ambient temperatures	Jifon AB
HPU67912	MEGA XL	Thermia MEGA XL	Thermia MEGA XL 21-88kW Inverter driven ground source heat pump. SPF 5.3. Integrated BMS & Online Capability	Thermia
HPU67913	Thermia MEGA L	MEGA L	Thermia MEGA L 14-59kW Inverter driven ground source heat pump. SPF 5.1. Integrated BMS & Online Capability	Thermia
HPU67914	Thermia MEGA M	MEGA M	Thermia MEGA M, 11-44kW Inverter driven ground source heat pump. SPF 5.32. Integrated BMS & Online Capability	Thermia
HPU67851	L06 Euc	L06 Euc	Neura NDA Premium A/W Heat pump 6 kW	Neura
HPU67852	L08 Euc	L08 Euc	Neura NDA Premium A/W Heat pump 8 kW	Neura
HPU67853	L10 Euc	L10 Euc	Neura NDA Premium A/W Heat pump 10 kW	Neura

Triple E Code	Product Code	Product Name	Short Description	Manufacturer
HPU67854	L14 Euc	L14 Euc	Neura NDA Premium A/W Heat pump 14 kW	Neura
HPU67855	L18 Euc	L18 Euc	Neura NDA Premium A/W Heat pump 18 kW	Neura
HPU67856	L20 Euc	L20 Euc	Neura NDA Premium A/W Heat pump 20 kW	Neura

”

The Minister for Finance approves the making of the foregoing Order.



GIVEN under my Official Seal,  
7 December 2016.

MICHAEL NOONAN,  
Minister for Finance.



GIVEN under my Official Seal,  
19 December 2016.

DENIS NAUGHTEN,  
Minister for Communications, Climate Action and Environment.

EXPLANATORY NOTE

*(This note is not part of the Instrument and does not purport to be a legal interpretation)*

The effect of this Order is to update, in accordance with the provisions of section 285A of the Taxes Consolidation Act 1997 (inserted by section 46 of the Finance Act 2008), those energy efficient products whose capital cost will be eligible for accelerated capital allowances and to update the energy efficiency criteria used to determine eligibility for inclusion on those product lists.

The Accelerated Capital Allowance Scheme will involve regular updates to those product lists.

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