



## Product application checklist

Please complete in BLOCK CAPITALS

### Building Lighting Controls

Manufacturer/supplier name: .....

Applicant's name: .....

Telephone number: .....

#### Product information

Product name: .....

Model number: .....

Please complete each section of this form based on your product's characteristics. Incomplete or incorrect data could affect the processing of your product application.

Each product application should be made on a separate form unless a product's design characteristics are common to all the products. In this instance a single application can be made for multiple products.

1.	Product type	No	Yes
1.1	Does the product align with the requirements for class A systems of BS EN 52120-1:2022?		
1.2	Does the product have an appropriate Conformity Assessment mark? If so, to which directive? .....		
1.3	Is your product specifically designed to switch electric lighting on or off, and/or to dim its output?		
1.4	What category of product are you applying for? (please tick one) a) Presence detectors with associated controllers that monitor occupancy or movement of personnel, and automatically switch off lighting, or dim it down, when the area is unoccupied. b) Daylight detectors with associated dimming controllers that monitor daylight availability, and automatically dim lighting, by reducing its power consumption, to the level needed to sufficiently illuminate the area, and switch it off when there is enough daylight.		
1.5	Is the product (as per categories in question 1.4) supported by central area and network control units that provide the facility to manage the overall operation of electric lighting installations?  <i>The ETL categories of presence detector and daylight detector controllers may be listed on the ETL either individually, or in combination, with or without a central area or network control unit. These listing combinations will be presented separately on the ETL Product Search.</i>		

2. Product features	No	Yes
<p><b>2.1 For presence detectors with associated controllers:</b></p> <p>a) Where automatic dimming controls are used, is the product capable of reducing the power consumption of the controlled lamps by at least 75%?</p> <p>b) Where fluorescent lighting is being dimmed, does the product incorporate high frequency dimmable ballast and electronic control gear?</p> <p>c) Where other forms of lighting are being dimmed, does the product incorporate:</p> <ul style="list-style-type: none"> <li>• mains frequency; or</li> <li>• high frequency dimmable ballasts and associated controls</li> </ul> <p>d) Does the product automatically switch on the lighting when the space becomes occupied?</p> <p>e) Does the product incorporate the facility for local users to manually override the presence detector/controller and to switch the lighting off at any particular instance?</p> <p><i>Products that allow local users to override the ability of the presence detector/controller to automatically switch off, or dim the lighting, are not eligible.</i></p> <p>f) Does the product i.e., each individual presence detector consume more than 0.5 Watts in parasitic power, when the associated lights are turned off?</p>		
<p><b>2.2 For daylight detectors with associated dimming controllers:</b></p> <p>a) Is the product able to reduce the power consumption of the lamps being controlled by at least 75% through dimming?</p> <p>b) Where fluorescent lighting is being dimmed, does the product incorporate high frequency dimmable ballasts and electronic control gear?</p> <p>c) Where other forms of lighting are being dimmed, does the product incorporate:</p> <ul style="list-style-type: none"> <li>• mains frequency; or</li> <li>• high frequency dimmable ballasts and associated controls</li> </ul> <p>d) Does the product automatically switch on the lighting when daylight has fallen below the required level?</p> <p>e) Does the product incorporate the facility for local users to manually override the dimming controller at any particular instance and to set the lighting to a lower level than it would be under automatic control, or switch it off?</p> <p><i>Products that allow local users to override the ability of the daylight detector/controller to automatically dim the lighting are not eligible.</i></p> <p>f) Does the product i.e., each individual daylight detector consume more than 0.5 Watts in parasitic power, when the associated lights are turned off?</p>		
<p><b>2.3 For central area and network control units (lighting control systems):</b></p> <p>a) Do products (as per Table 1.1 and Table 1.2 of the criteria), which include central area or network control units, make use of pre-programmed “scenes” that configure the lighting levels in different areas for a particular activity or daylight level or occupancy status in the most energy efficient manner?</p> <p><i>Products that are only capable of manual scene setting are not eligible.</i></p> <p>b) Is the central lighting controller capable of integrating into another building system via a “published protocol”?</p>		

### 3. Summary of documents to be included

No Yes

Please send **ONE** copy of each of the following documents:

If the relevant information in support of the questions above is contained within a larger document, please indicate the location of the relevant information. Note that all documentation submitted must directly refer to the model numbers for which you are making this application. Documentation should be added to your [online application](#).

The criteria stated above shall be clearly presented in the supporting documentation.

- a) A technical sales brochure or leaflet for the product clearly summarising:
- i) The key features of the product (ideally including photographs of the product's exterior).
  - ii) The product's operation (i.e. in-built functionality) and intended applications (i.e. usage).
  - iii) Any product selection options (including optional extras, alternative configurations etc.).

For each product feature required in section 2, please specify below where in the submitted documentation the feature can be evidenced/verified (e.g. including page numbers where instruction manuals are submitted):

2.1 For presence detectors with associated controllers:	2.2 For daylight detectors with associated dimming controllers:	2.3 For central area and network control units:
a)	a)	a)
b)	b)	b)
c)	c)	
d)	d)	
e)	e)	
f)	f)	

*This documentation should contain sufficient detail to enable the assessor to confirm that the proposed entry on the Energy Technology Product List (ETPL) is correct, and that the supplied documentation can evidence the conformity of the products against the requirements the ETL eligibility criteria. If the model names contain any 'wildcards' in respect of cosmetic variations please check with ETL Questions that this is permitted before submitting your application.*

- b) A technical specification sheet for the product, including:
- i) Details of the model numbers covered (including individual features of each model).
  - ii) The product's design ratings (electrical, mechanical, thermal, flow rates, energy use etc.).
  - iii) A description of how to install the product including connection/wiring diagrams. Where the product must be assembled, configured and/or commissioned on site before use, please include instructions.

*This documentation should contain sufficient detail to enable the assessor to confirm that each product entry on the Energy Technology Product List (ETPL) has the design features specified in the eligibility criteria for that category of product. Please indicate on the checklist where information on specific design features is located.*

- c) Please ensure that this documentation includes details of:
- i) The product's control input/output signals, and requirements for sensors or control valves.
  - ii) The product's automatic control strategies, mechanisms, and configuration settings.
  - iii) Other relevant operational instructions demonstrating the product's functionality in accordance with the criteria listed in this document.
- d) A Declaration of Conformity with UK/EU Directives on product safety, including one of the following:
- i) An appropriate Conformity Assessment mark.
- e) Evidence that a quality assurance system/procedures is/are in place to:
- i) Control the specification, design, manufacturing and testing of the products.
- f) Signed application checklist.

*Please note that all product documentation provided must be written in, or translated into, English.*

## 4. Declaration

I confirm that the information given above is correct to the best of my knowledge and that I have read and agree to the terms and conditions governing the management of the Energy Technology List. A copy of the terms and conditions can be found [here](#).

Signature: ..... Date: .....

### For more information:

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